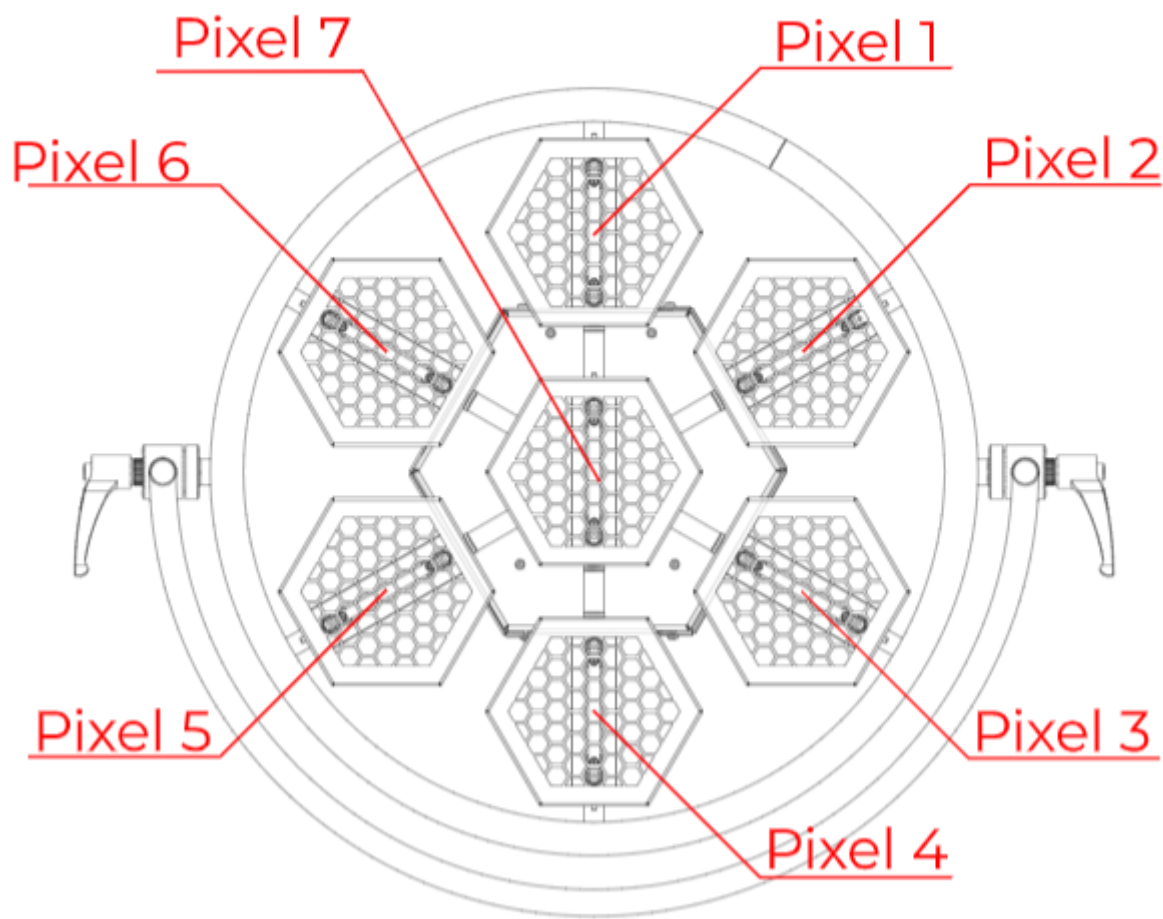


DMX CHART [P1 mini]

Source: Portman Lights support portal, <https://support.portmanlights.com/portal/en/kb/articles/dmx-chart-p1-mini> · article last updated 2024-04-18 · saved 2026-10-14

PIXEL ORDER



DMX MODES

Mode Simple

DMX channel	Parameter	Description
1.	Dimmer Main Source Ch. 1	Pixel 1 filament 8 bit dimmer 0 - 100%
2.	Dimmer Main Source Ch. 2	Pixel 2 filament 8 bit dimmer 0 - 100%
3.	Dimmer Main Source Ch. 3	Pixel 3 filament 8 bit dimmer 0 - 100%
4.	Dimmer Main Source Ch. 4	Pixel 4 filament 8 bit dimmer 0 - 100%
5.	Dimmer Main Source Ch. 5	Pixel 5 filament 8 bit dimmer 0 - 100%
6.	Dimmer Main Source Ch. 6	Pixel 6 filament 8 bit dimmer 0 - 100%
7.	Dimmer Main Source Ch. 7	Pixel 7 filament 8 bit dimmer 0 - 100%
8.	Red All glow	Red glow 8 bit on all pixels
9.	Green All glow	Green glow 8 bit on all pixels
10.	Blue All glow	Blue glow 8 bit on all pixels

11.	White All glow	White glow 8 bit on all pixels
12.	Dimmer glow	All pixels glow 8 bit dimmer 0 - 100%
13.	Strobe glow	Glow strobe channel
14.	Strobe Main Source	Filaments strobe channel
15.	Color wheel All glow	Glow virtual color wheel
16.	Macro	Macro select channel
17.	Macro direction	Macro direction channel
18.	Macro speed	Macro speed channel
19.	Control	Fixture control channel

Mode Standard

DMX channel	Parameter	Description
1.	Dimmer Main Source Ch. 1	Pixel 1 filament 8 bit dimmer 0 - 100%
2.	Dimmer Main Source Ch. 2	Pixel 2 filament 8 bit dimmer 0 - 100%
3.	Dimmer Main Source Ch. 3	Pixel 3 filament 8 bit dimmer 0 - 100%
4.	Dimmer Main Source Ch. 4	Pixel 4 filament 8 bit dimmer 0 - 100%
5.	Dimmer Main Source Ch. 5	Pixel 5 filament 8 bit dimmer 0 - 100%
6.	Dimmer Main Source Ch. 6	Pixel 6 filament 8 bit dimmer 0 - 100%
7.	Dimmer Main Source Ch. 7	Pixel 7 filament 8 bit dimmer 0 - 100%
8.	Red 1 glow	Pixel 1 Red 8 bit
9.	Green 1 glow	Pixel 1 Green 8 bit
10.	Blue 1 glow	Pixel 1 Blue 8 bit
11.	White 1 glow	Pixel 1 White 8 bit
12.	Red 2 glow	Pixel 2 Red 8 bit
13.	Green 2 glow	Pixel 2 Green 8 bit
14.	Blue 2 glow	Pixel 2 Blue 8 bit
15.	White 2 glow	Pixel 2 White 8 bit
16.	Red 3 glow	Pixel 3 Red 8 bit
17.	Green 3 glow	Pixel 3 Green 8 bit
18.	Blue 3 glow	Pixel 3 Blue 8 bit
19.	White 3 glow	Pixel 3 White 8 bit
20.	Red 4 glow	Pixel 4 Red 8 bit
21.	Green 4 glow	Pixel 4 Green 8 bit
22.	Blue 4 glow	Pixel 4 Blue 8 bit
23.	White 4 glow	Pixel 4 White 8 bit
24.	Red 5 glow	Pixel 5 Red 8 bit
25.	Green 5 glow	Pixel 5 Green 8 bit
26.	Blue 5 glow	Pixel 5 Blue 8 bit
27.	White 5 glow	Pixel 5 White 8 bit
28.	Red 6 glow	Pixel 6 Red 8 bit
29.	Green 6 glow	Pixel 6 Green 8 bit
30.	Blue 6 glow	Pixel 6 Blue 8 bit
31.	White 6 glow	Pixel 6 White 8 bit
32.	Red 7 glow	Pixel 7 Red 8 bit
33.	Green 7 glow	Pixel 7 Green 8 bit
34.	Blue 7 glow	Pixel 7 Blue 8 bit
35.	White 7 glow	Pixel 7 White 8 bit
36.	Dimmer glow	All pixels glow 8 bit dimmer 0 - 100%
37.	Strobe glow	Glow strobe channel
38.	Strobe Main Source	Filaments strobe channel
39.	Color wheel All glow	Glow virtual color wheel

40.	Macro	Macro select channel
41.	Macro direction	Macro direction channel
42.	Macro speed	Macro speed channel
43.	Control	Fixture control channel

Mode Standard Fine

DMX channel	Parameter	Description
1.	Dimmer Main Source Ch. 1	Pixel 1 filament 8 bit dimmer 0 – 100%
2.	Dimmer Main Source Ch. 1 fine	Pixel 1 filament 16 bit dimmer 0 – 100%
3.	Dimmer Main Source Ch. 2	Pixel 2 filament 8 bit dimmer 0 – 100%
4.	Dimmer Main Source Ch. 2 fine	Pixel 2 filament 16 bit dimmer 0 – 100%
5.	Dimmer Main Source Ch. 3	Pixel 3 filament 8 bit dimmer 0 – 100%
6.	Dimmer Main Source Ch. 3 fine	Pixel 3 filament 16 bit dimmer 0 – 100%
7.	Dimmer Main Source Ch. 4	Pixel 4 filament 8 bit dimmer 0 – 100%
8.	Dimmer Main Source Ch. 4 fine	Pixel 4 filament 16 bit dimmer 0 – 100%
9.	Dimmer Main Source Ch. 5	Pixel 5 filament 8 bit dimmer 0 – 100%
10.	Dimmer Main Source Ch. 5 fine	Pixel 5 filament 16 bit dimmer 0 – 100%
11.	Dimmer Main Source Ch. 6	Pixel 6 filament 8 bit dimmer 0 – 100%
12.	Dimmer Main Source Ch. 6 fine	Pixel 6 filament 16 bit dimmer 0 – 100%
13.	Dimmer Main Source Ch. 7	Pixel 7 filament 8 bit dimmer 0 – 100%
14.	Dimmer Main Source Ch. 7 fine	Pixel 7 filament 16 bit dimmer 0 – 100%
15.	Red 1 glow	Pixel 1 Red 8 bit
16.	Green 1 glow	Pixel 1 Green 8 bit
17.	Blue 1 glow	Pixel 1 Blue 8 bit
18.	White 1 glow	Pixel 1 White 8 bit
19.	Red 2 glow	Pixel 2 Red 8 bit
20.	Green 2 glow	Pixel 2 Green 8 bit
21.	Blue 2 glow	Pixel 2 Blue 8 bit
22.	White 2 glow	Pixel 2 White 8 bit
23.	Red 3 glow	Pixel 3 Red 8 bit
24.	Green 3 glow	Pixel 3 Green 8 bit
25.	Blue 3 glow	Pixel 3 Blue 8 bit
26.	White 3 glow	Pixel 3 White 8 bit
27.	Red 4 glow	Pixel 4 Red 8 bit
28.	Green 4 glow	Pixel 4 Green 8 bit
29.	Blue 4 glow	Pixel 4 Blue 8 bit
30.	White 4 glow	Pixel 4 White 8 bit
31.	Red 5 glow	Pixel 5 Red 8 bit
32.	Green 5 glow	Pixel 5 Green 8 bit
33.	Blue 5 glow	Pixel 5 Blue 8 bit
34.	White 5 glow	Pixel 5 White 8 bit
35.	Red 6 glow	Pixel 6 Red 8 bit
36.	Green 6 glow	Pixel 6 Green 8 bit
37.	Blue 6 glow	Pixel 6 Blue 8 bit
38.	White 6 glow	Pixel 6 White 8 bit
39.	Red 7 glow	Pixel 7 Red 8 bit
40.	Green 7 glow	Pixel 7 Green 8 bit
41.	Blue 7 glow	Pixel 7 Blue 8 bit
42.	White 7 glow	Pixel 7 White 8 bit
43.	Dimmer glow	All pixels glow 8 bit dimmer 0 – 100%
44.	Strobe glow	Glow strobe channel

45.	Strobe Main Source	Filaments strobe channel
46.	Color wheel All glow	Glow virtual color wheel
47.	Macro	Macro select channel
48.	Macro direction	Macro direction channel
49.	Macro speed	Macro speed channel
50.	Control	Fixture control channel

Mode Pixel

DMX channel	Parameter	Description
1.	Dimmer Main Source Ch. 1	Pixel 1 filament 8 bit dimmer 0 - 100%
2.	Red 1 glow	Pixel 1 Red 8 bit
3.	Green 1 glow	Pixel 1 Green 8 bit
4.	Blue 1 glow	Pixel 1 Blue 8 bit
5.	White 1 glow	Pixel 1 White 8 bit
6.	Dimmer Main Source Ch. 2	Pixel 2 filament 8 bit dimmer 0 - 100%
7.	Red 2 glow	Pixel 2 Red 8 bit
8.	Green 2 glow	Pixel 2 Green 8 bit
9.	Blue 2 glow	Pixel 2 Blue 8 bit
10.	White 2 glow	Pixel 2 White 8 bit
11.	Dimmer Main Source Ch. 3	Pixel 3 filament 8 bit dimmer 0 - 100%
12.	Red 3 glow	Pixel 3 Red 8 bit
13.	Green 3 glow	Pixel 3 Green 8 bit
14.	Blue 3 glow	Pixel 3 Blue 8 bit
15.	White 3 glow	Pixel 3 White 8 bit
16.	Dimmer Main Source Ch. 4	Pixel 4 filament 8 bit dimmer 0 - 100%
17.	Red 4 glow	Pixel 4 Red 8 bit
18.	Green 4 glow	Pixel 4 Green 8 bit
19.	Blue 4 glow	Pixel 4 Blue 8 bit
20.	White 4 glow	Pixel 4 White 8 bit
21.	Dimmer Main Source Ch. 5	Pixel 5 filament 8 bit dimmer 0 - 100%
22.	Red 5 glow	Pixel 5 Red 8 bit
23.	Green 5 glow	Pixel 5 Green 8 bit
24.	Blue 5 glow	Pixel 5 Blue 8 bit
25.	White 5 glow	Pixel 5 White 8 bit
26.	Dimmer Main Source Ch. 6	Pixel 6 filament 8 bit dimmer 0 - 100%
27.	Red 6 glow	Pixel 6 Red 8 bit
28.	Green 6 glow	Pixel 6 Green 8 bit
29.	Blue 6 glow	Pixel 6 Blue 8 bit
30.	White 6 glow	Pixel 6 White 8 bit
31.	Dimmer Main Source Ch. 7	Pixel 7 filament 8 bit dimmer 0 - 100%
32.	Red 7 glow	Pixel 7 Red 8 bit
33.	Green 7 glow	Pixel 7 Green 8 bit
34.	Blue 7 glow	Pixel 7 Blue 8 bit
35.	White 7 glow	Pixel 7 White 8 bit
36.	Strobe glow	Glow strobe channel
37.	Strobe Main Source	Filaments strobe channel
38.	Color wheel All glow	Glow virtual color wheel
39.	Macro	Macro select channel
40.	Macro direction	Macro direction channel
41.	Macro speed	Macro speed channel
42.	Control	Fixture control channel

Mode Pixel Fine

DMX channel	Parameter	Description
1.	Dimmer Main Source Ch. 1	Pixel 1 filament 8 bit dimmer 0 – 100%
2.	Dimmer Main Source Ch. 1 fine	Pixel 1 filament 16 bit dimmer 0 – 100%
3.	Red 1 glow	Pixel 1 Red 8 bit
4.	Green 1 glow	Pixel 1 Green 8 bit
5.	Blue 1 glow	Pixel 1 Blue 8 bit
6.	White 1 glow	Pixel 1 White 8 bit
7.	Dimmer Main Source Ch. 2	Pixel 2 filament 8 bit dimmer 0 – 100%
8.	Dimmer Main Source Ch. 2 fine	Pixel 2 filament 16 bit dimmer 0 – 100%
9.	Red 2 glow	Pixel 2 Red 8 bit
10.	Green 2 glow	Pixel 2 Green 8 bit
11.	Blue 2 glow	Pixel 2 Blue 8 bit
12.	White 2 glow	Pixel 2 White 8 bit
13.	Dimmer Main Source Ch. 3	Pixel 3 filament 8 bit dimmer 0 – 100%
14.	Dimmer Main Source Ch. 3 fine	Pixel 3 filament 16 bit dimmer 0 – 100%
15.	Red 3 glow	Pixel 3 Red 8 bit
16.	Green 3 glow	Pixel 3 Green 8 bit
17.	Blue 3 glow	Pixel 3 Blue 8 bit
18.	White 3 glow	Pixel 3 White 8 bit
19.	Dimmer Main Source Ch. 4	Pixel 4 filament 8 bit dimmer 0 – 100%
20.	Dimmer Main Source Ch. 4 fine	Pixel 4 filament 16 bit dimmer 0 – 100%
21.	Red 4 glow	Pixel 4 Red 8 bit
22.	Green 4 glow	Pixel 4 Green 8 bit
23.	Blue 4 glow	Pixel 4 Blue 8 bit
24.	White 4 glow	Pixel 4 White 8 bit
25.	Dimmer Main Source Ch. 5	Pixel 5 filament 8 bit dimmer 0 – 100%
26.	Dimmer Main Source Ch. 5 fine	Pixel 5 filament 16 bit dimmer 0 – 100%
27.	Red 5 glow	Pixel 5 Red 8 bit
28.	Green 5 glow	Pixel 5 Green 8 bit
29.	Blue 5 glow	Pixel 5 Blue 8 bit
30.	White 5 glow	Pixel 5 White 8 bit
31.	Dimmer Main Source Ch. 6	Pixel 6 filament 8 bit dimmer 0 – 100%
32.	Dimmer Main Source Ch. 6 fine	Pixel 6 filament 16 bit dimmer 0 – 100%
33.	Red 6 glow	Pixel 6 Red 8 bit
34.	Green 6 glow	Pixel 6 Green 8 bit
35.	Blue 6 glow	Pixel 6 Blue 8 bit
36.	White 6 glow	Pixel 6 White 8 bit
37.	Dimmer Main Source Ch. 7	Pixel 7 filament 8 bit dimmer 0 – 100%
38.	Dimmer Main Source Ch. 7 fine	Pixel 7 filament 16 bit dimmer 0 – 100%
39.	Red 7 glow	Pixel 7 Red 8 bit
40.	Green 7 glow	Pixel 7 Green 8 bit
41.	Blue 7 glow	Pixel 7 Blue 8 bit
42.	White 7 glow	Pixel 7 White 8 bit
43.	Strobe glow	Glow strobe channel
44.	Strobe Main Source	Filaments strobe channel
45.	Color wheel All glow	Glow virtual color wheel
46.	Macro	Macro select channel
47.	Macro direction	Macro direction channel
48.	Macro speed	Macro speed channel
49.	Control	Fixture control channel

