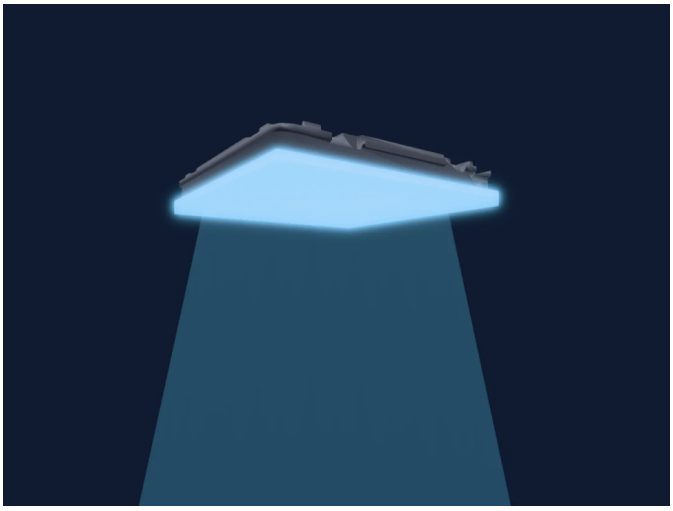
GLP

Nexus Shapes Square



Manufacturer	**GLP**
Type	**PAR**
DMX modes	**6**
DMX footprint	**3, 5, 8, 17, 22 channels**
Beam angle	**25°**
Heads / cells	**3**
Size (W × H × D)	**167 × 26 × 167 mm**
GDTF fixture type	**8D2E32FC-286B-4ED7-B8E6-FF…**

Controls

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

DMX modes

M1 Compressed	3 ch
M1 Compressed virtual DIM	3 ch
M2 Simple	5 ch
M3 Normal	8 ch
M4 Patterns	17 ch
M5 Effect	22 ch

M1 Compressed

3 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	

M1 Compressed virtual DIM

3 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	

M2 Simple

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 Closed 63–126 25% 127–190 50% 191–254 75% 255–255 Open
2	Shutter / Strobe	255	0–4 Closed 5–8 Single Flash 9–9 Flash Single 10–23 Pulse Slow 24–38 Pulse Medium 39–39 Pulse Fast 40–53 Pulse Open Slow 54–68 Pulse Open Med 69–69 Pulse Open Fast 70–83 Pulse Close Slow 84–98 Pulse Close Med 99–99 Pulse Close Fast 100–113 Double Flash Slow 114–128 Double Flash Med 129–129 Double Flash Fast 130–143 Random Pixel Slow 144–158 Random Pixel Med 159–159 Random Pixel Fast 160–178 Random All Slow 179–198 Random All Med 199–199 Random All Fast 200–224 Strobe Slow 225–249 Strobe Med 250–250 Strobe Fast 255–255 Open
3	Red	255	
4	Green	255	
5	Blue	255	

M3 Normal

8 channels

Ch	Function	Default	DMX values

M3 Normal (continued)

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 Closed 63–126 25% 127–190 50% 191–254 75% 255–255 Open
2	Shutter / Strobe	255	0–4 Closed 5–8 Single Flash 9–9 Flash Single 10–23 Pulse Slow 24–38 Pulse Medium 39–39 Pulse Fast 40–53 Pulse Open Slow 54–68 Pulse Open Med 69–69 Pulse Open Fast 70–83 Pulse Close Slow 84–98 Pulse Close Med 99–99 Pulse Close Fast 100–113 Double Flash Slow 114–128 Double Flash Med 129–129 Double Flash Fast 130–143 Random Pixel Slow 144–158 Random Pixel Med 159–159 Random Pixel Fast 160–178 Random All Slow 179–198 Random All Med 199–199 Random All Fast 200–224 Strobe Slow 225–249 Strobe Med 250–250 Strobe Fast 255–255 Open
3	Red	255	
4	Green	255	
5	Blue	255	
6	C TC	0	0–9 Open White Point 10–69 10000K 70–114 8000K 115–140 6500K 141–188 5600K 189–203 4000K 204–212 3500K 213–217 3200K 218–226 3000K 227–238 2700K 239–254 2300K 255–255 1800K
7	Tint	0	0–9 Open 10–132 Full Minus Green 133–254 Neutral 255–255 Full Plus Green
8	Color RGBQuality	0	0–254 High Brightness 255–255 High Quality

M4 Patterns

17 channels

Ch	Function	Default	DMX values

M4 Patterns (continued)

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 Closed 63–126 25% 127–190 50% 191–254 75% 255–255 Open
2	Shutter / Strobe	255	0–4 Closed 5–8 Single Flash 9–9 Flash Single 10–23 Pulse Slow 24–38 Pulse Medium 39–39 Pulse Fast 40–53 Pulse Open Slow 54–68 Pulse Open Med 69–69 Pulse Open Fast 70–83 Pulse Close Slow 84–98 Pulse Close Med 99–99 Pulse Close Fast 100–113 Double Flash Slow 114–128 Double Flash Med 129–129 Double Flash Fast 130–143 Random Pixel Slow 144–158 Random Pixel Med 159–159 Random Pixel Fast 160–178 Random All Slow 179–198 Random All Med 199–199 Random All Fast 200–224 Strobe Slow 225–249 Strobe Med 250–250 Strobe Fast 255–255 Open
3	Red	255	
4	Green	255	
5	Blue	255	
6	C TC	0	0–9 Open White Point 10–69 10000K 70–114 8000K 115–140 6500K 141–188 5600K 189–203 4000K 204–212 3500K 213–217 3200K 218–226 3000K 227–238 2700K 239–254 2300K 255–255 1800K
7	Tint	0	0–9 Open 10–132 Full Minus Green 133–254 Neutral 255–255 Full Plus Green
8	Color RGBQuality	0	0–254 High Brightness 255–255 High Quality
9	Dimmer	0	

M4 Patterns (continued)

Ch	Function	Default	DMX values
10	Shutter / Strobe	255	0–4 Closed 5–8 Single Flash 9–9 Flash Single 10–23 Pulse Slow 24–38 Pulse Medium 39–39 Pulse Fast 40–53 Pulse Open Slow 54–68 Pulse Open Med 69–69 Pulse Open Fast 70–83 Pulse Close Slow 84–98 Pulse Close Med 99–99 Pulse Close Fast 100–113 Double Flash Slow 114–128 Double Flash Med 129–129 Double Flash Fast 130–143 Random Pixel Slow 144–158 Random Pixel Med 159–159 Random Pixel Fast 160–178 Random All Slow 179–198 Random All Med 199–199 Random All Fast 200–224 Strobe Slow 225–249 Strobe Med 250–250 Strobe Fast 255–255 Open
11	Pattern Selection	0	0–7 Open 8–15 Outer Ring 16–23 Spiral 24–31 Walk Horizontal 32–39 Walk Vertikal 40–47 Walk 48–55 Ring In Out 56–63 Div Horizontal 64–71 Div Vertical 72–79 Div 80–87 Propeller 88–95 Clock 96–103 Ring Alternate 104–255 NoFunktion
12	Pattern Mode	0	0–15 Single - No Fade 16–31 Single - Fade 1x 32–47 Single - Fade 2x 48–63 Single - Fade 3x 64–79 Single Additive - No Fade 80–95 Single Additive - Fade 1x 96–111 Single Additive - Fade 2x 112–127 Single Additive - Fade 3x 128–143 Mirror - No Fade 144–159 Mirror - Fade 1x 160–175 Mirror - Fade 2x 176–191 Mirror - Fade 3x 192–207 Mirror Additive - No Fade 208–223 Mirror Additive - Fade 1x 224–239 Mirror Additive - Fade 2x 240–255 Mirror Additive - Fade 3x

M4 Patterns (continued)

Ch	Function	Default	DMX values
13	Pattern Step Size	0	0–15 12% 16–31 19% 32–47 25% 48–63 31% 64–79 38% 80–111 44% 112–127 50% 128–143 56% 144–159 62% 160–175 69% 176–191 75% 192–207 81% 208–223 87% 224–239 94% 240–255 100%
14	Pattern Index Speed	0	0–126 Index 0% 127–127 Index 100% 128–128 Static 129–254 Slow 255–255 Fast
15	Red	255	
16	Green	255	
17	Blue	255	

M5 Effect

22 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 Closed 63–126 25% 127–190 50% 191–254 75% 255–255 Open
2	Shutter / Strobe	255	0–4 Closed 5–8 Single Flash 9–9 Flash Single 10–23 Pulse Slow 24–38 Pulse Medium 39–39 Pulse Fast 40–53 Pulse Open Slow 54–68 Pulse Open Med 69–69 Pulse Open Fast 70–83 Pulse Close Slow 84–98 Pulse Close Med 99–99 Pulse Close Fast 100–113 Double Flash Slow 114–128 Double Flash Med 129–129 Double Flash Fast 130–143 Random Pixel Slow 144–158 Random Pixel Med 159–159 Random Pixel Fast 160–178 Random All Slow 179–198 Random All Med 199–199 Random All Fast 200–224 Strobe Slow 225–249 Strobe Med 250–250 Strobe Fast 255–255 Open

M5 Effect (continued)

Ch	Function	Default	DMX values
3	F XSpeed	110	0–49 0_2x 50–79 6x 80–109 22x 110–129 55x 130–149 110x 150–169 220x 170–251 500x 252–253 4600x 254–255 Infinity (Static)
4	F XGroup	0	0–31 Group 0 32–63 Group 1 64–95 Group 2 96–127 Group 3 128–159 Group 4 160–191 Group 5 192–223 Group 6 224–255 Group 7
5	F XPixel ETyp	0	
6	F XPixel EVariation	0	0–36 Variation 00 37–73 Variation 01 74–110 Variation 02 111–147 Variation 03 148–184 Variation 04 185–221 Variation 05 222–255 Variation 06
7	F XPixel ESize	0	0–0 Size 100% 1–7 Size 10% 8–15 Size 20% 16–71 Size 30% 72–151 Size 100% 152–231 Size 200% 232–239 Size 300% 240–255 Size 310%
8	Red	255	
9	Green	255	
10	Blue	255	
11	F XPixel Stay Time	24	0–15 0 ms 16–31 20 ms 32–47 40 ms 48–63 60 ms 64–79 80 ms 80–111 100 ms 112–127 120 ms 128–143 140 ms 144–159 160 ms 160–175 180 ms 176–191 200 ms 192–207 220 ms 208–223 240 ms 224–239 260 ms 240–255 280 ms

M5 Effect (continued)

Ch	Function	Default	DMX values
12	F XPixel Fade Time	0	0–15 0 ms 16–31 20 ms 32–47 40 ms 48–63 60 ms 64–79 80 ms 80–111 100 ms 112–127 120 ms 128–143 140 ms 144–159 160 ms 160–175 180 ms 176–191 200 ms 192–207 220 ms 208–223 240 ms 224–239 260 ms 240–255 280 ms
13	Red	255	
14	Green	255	
15	Blue	255	
16	F XPixel Stay Time	24	0–15 0 ms 16–31 20 ms 32–47 40 ms 48–63 60 ms 64–79 80 ms 80–111 100 ms 112–127 120 ms 128–143 140 ms 144–159 160 ms 160–175 180 ms 176–191 200 ms 192–207 220 ms 208–223 240 ms 224–239 260 ms 240–255 280 ms
17	F XPixel Fade Time	0	0–15 0 ms 16–31 20 ms 32–47 40 ms 48–63 60 ms 64–79 80 ms 80–111 100 ms 112–127 120 ms 128–143 140 ms 144–159 160 ms 160–175 180 ms 176–191 200 ms 192–207 220 ms 208–223 240 ms 224–239 260 ms 240–255 280 ms
18	Red	255	
19	Green	255	
20	Blue	255	

M5 Effect (continued)

Ch	Function	Default	DMX values
21	F XPixel Stay Time	24	0–15 0 ms 16–31 20 ms 32–47 40 ms 48–63 60 ms 64–79 80 ms 80–111 100 ms 112–127 120 ms 128–143 140 ms 144–159 160 ms 160–175 180 ms 176–191 200 ms 192–207 220 ms 208–223 240 ms 224–239 260 ms 240–255 280 ms
22	F XPixel Fade Time	0	0–15 0 ms 16–31 20 ms 32–47 40 ms 48–63 60 ms 64–79 80 ms 80–111 100 ms 112–127 120 ms 128–143 140 ms 144–159 160 ms 160–175 180 ms 176–191 200 ms 192–207 220 ms 208–223 240 ms 224–239 260 ms 240–255 280 ms