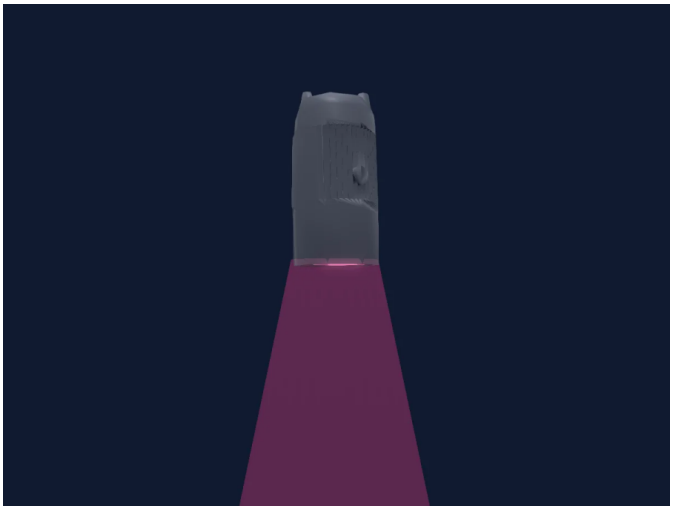
GLP

Nexus Uplight



Manufacturer	**GLP**
Type	**PAR**
DMX modes	**5**
DMX footprint	**6, 9, 12, 23 channels**
Beam angle	**25°**
Heads / cells	**3**
Size (W × H × D)	**95 × 183 × 94 mm**
GDTF fixture type	**DF2F792E-268F-41C8-B59C-92…**

Controls

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

Safety-relevant functions

Strobe

DMX modes

M1 Compressed	6 ch
M1 Compressed virtual DIM	6 ch
M2 Simple	9 ch
M3 Normal	12 ch
M4 Effect	23 ch

M1 Compressed

6 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Red Fine	0	Fine byte of Red
3	Green	0	
4	Green Fine	0	Fine byte of Green
5	Blue	0	
6	Blue Fine	0	Fine byte of Blue

M1 Compressed virtual DIM

6 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Red Fine	255	Fine byte of Red
3	Green	255	
4	Green Fine	255	Fine byte of Green
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue

M2 Simple

9 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	Dimmer Fine	0	Fine byte of Dimmer
3	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
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	

M2 Simple (continued)

Ch	Function	Default	DMX values
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue

M3 Normal

12 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	Dimmer Fine	0	Fine byte of Dimmer
3	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
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	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

M3 Normal (continued)

Ch	Function	Default	DMX values
11	Tint	0	0–9 Open 10–132 Full Minus Green 133–254 Neutral 255–255 Full Plus Green
12	Color RGBQuality	0	0–254 High Brightness 255–255 High Quality

M4 Effect

23 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	Dimmer Fine	0	Fine byte of Dimmer
3	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
4	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)
5	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
6	F XPixel ETyp	0	

M4 Effect (continued)

Ch	Function	Default	DMX values
7	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
8	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%
9	Red	255	
10	Green	255	
11	Blue	255	
12	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
13	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
14	Red	255	
15	Green	255	
16	Blue	255	

M4 Effect (continued)

Ch	Function	Default	DMX values
17	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
18	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
19	Red	255	
20	Green	255	
21	Blue	255	
22	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

M4 Effect (continued)

Ch	Function	Default	DMX values
23	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