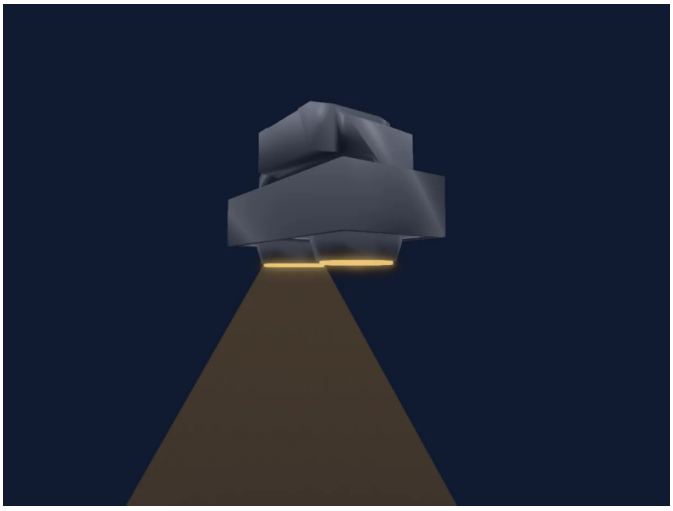
GLP

Matrix Eye 2



Manufacturer	**GLP**
Type	**PAR**
DMX modes	**9**
DMX footprint	**2, 3, 19 channels**
Beam angle	**60°**
Size (W × H × D)	**400 × 246 × 200 mm**
GDTF fixture type	**72111BA4-EBE6-45E9-857F-87E…**

Controls

Extra LED colours · RGB colour mixing · Colour temperature · Dimmer

DMX modes

Mode 1 Individual Generic (2 ch)	2 ch
Mode 5 Pixelmap RGB (6 ch)	3 ch
Mode 5 Pixelmap Virtual Dim RGB	3 ch
Mode 2 All Full RGB (19 ch)	19 ch
Mode 2 All Full RGBAL (19 ch)	19 ch
Mode 3 All Individual Full RGB (29 ch)	19 ch
Mode 3 All Individual Full RGBAL (29 ch)	19 ch
Mode 4 Multi Fixture RGB (38 ch)	19 ch
Mode 4 Multi Fixture RGBAL (38 ch)	19 ch

Mode 1 Individual Generic (2 ch)

2 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer	0	0–254 Closed 255–255 Open

Mode 5 Pixelmap RGB (6 ch)

3 channels

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

Mode 5 Pixelmap Virtual Dim RGB

3 channels

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

Mode 2 All Full RGB (19 ch)

19 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	0	0–254 Open 255–255 650ms
4	Strobe Rate	255	0–4 Closed 5–127 Slow 128–249 Medium 250–254 Fast 255–255 Open

Mode 2 All Full RGB (19 ch) (continued)

Ch	Function	Default	DMX values
5	Strobe Mode Strobe	0	0–4 Off Normal Strobe 5–6 Single Flash 1 7–8 Over Flash 9–9 Single Flash 2 10–14 Spread Period (Offset) FX 15–19 Spread Sequential FX 20–24 Random All 25–29 Random Heads 30–34 Pulse All 35–39 Puls Random All 40–44 Puls Random Heads 45–49 Puls Open All 50–54 Puls Open Random All 55–59 Puls Open Random Heads 60–64 Puls Close All 65–69 Puls Close Random All 70–74 Puls Close Random Heads 75–79 Double-Flash All 80–84 Double-Flash Random All 85–89 Triple-Flash All 90–94 Triple Flash Random All 95–99 Lightning 100–104 Paparazzi 105–109 Spikes All 110–114 Spikes Segments 115–255 NoFeature
6	Control1	0	
7	Dimmer Mode	0	0–9 OFF 10–19 Tungsten ACL 250W/28V 20–29 Tungsten Blinder 650W/120V 30–39 Tungsten750W/80V 40–49 Tungsten 1000W/240V 50–59 Tungsten 1200W/240V 60–69 Tungsten 2000W/230V 70–79 Tungsten 2500W/230V 80–89 Tungsten 5000W/230V 90–119 No function 120–139 OFF 140–149 FX Tungsten ACL 250W/28V 150–159 FX Tungsten Blinder 650W/120V 160–169 FX Tungsten750W/80V 170–179 FX Tungsten 1000W/240V 180–189 FX Tungsten 1200W/240V 190–199 FX Tungsten 2000W/230V 200–209 FX Tungsten 2500W/230V 210–219 FX Tungsten 5000W/230V 220–255 No function
8	No Feature	0	
9	C TC	0	
10	Red	255	
11	Red Fine	255	Fine byte of Red
12	Green	255	
13	Green Fine	255	Fine byte of Green
14	Blue	255	
15	Blue Fine	255	Fine byte of Blue
16	No Feature	0	
17	No Feature Fine	0	Fine byte of No Feature
18	No Feature	0	

Mode 2 All Full RGB (19 ch) (continued)

Ch	Function	Default	DMX values
19	No Feature Fine	0	Fine byte of No Feature

Mode 2 All Full RGBAL (19 ch)

19 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	0	0–254 Open 255–255 650ms
4	Strobe Rate	255	0–4 Closed 5–127 Slow 128–249 Medium 250–254 Fast 255–255 Open
5	Strobe Mode Strobe	0	0–4 Off Normal Strobe 5–6 Single Flash 1 7–8 Over Flash 9–9 Single Flash 2 10–14 Spread Period (Offset) FX 15–19 Spread Sequential FX 20–24 Random All 25–29 Random Heads 30–34 Pulse All 35–39 Puls Random All 40–44 Puls Random Heads 45–49 Puls Open All 50–54 Puls Open Random All 55–59 Puls Open Random Heads 60–64 Puls Close All 65–69 Puls Close Random All 70–74 Puls Close Random Heads 75–79 Double-Flash All 80–84 Double-Flash Random All 85–89 Triple-Flash All 90–94 Triple Flash Random All 95–99 Lightning 100–104 Paparazzi 105–109 Spikes All 110–114 Spikes Segments 115–255 NoFeature
6	Control1	0	

Mode 2 All Full RGBAL (19 ch) (continued)

Ch	Function	Default	DMX values
7	Dimmer Mode	0	0–9 OFF 10–19 Tungsten ACL 250W/28V 20–29 Tungsten Blinder 650W/120V 30–39 Tungsten750W/80V 40–49 Tungsten 1000W/240V 50–59 Tungsten 1200W/240V 60–69 Tungsten 2000W/230V 70–79 Tungsten 2500W/230V 80–89 Tungsten 5000W/230V 90–119 No function 120–139 OFF 140–149 FX Tungsten ACL 250W/28V 150–159 FX Tungsten Blinder 650W/120V 160–169 FX Tungsten750W/80V 170–179 FX Tungsten 1000W/240V 180–189 FX Tungsten 1200W/240V 190–199 FX Tungsten 2000W/230V 200–209 FX Tungsten 2500W/230V 210–219 FX Tungsten 5000W/230V 220–255 No function
8	No Feature	0	
9	C TC	0	
10	Red	255	
11	Red Fine	255	Fine byte of Red
12	Green	255	
13	Green Fine	255	Fine byte of Green
14	Blue	255	
15	Blue Fine	255	Fine byte of Blue
16	Color Add RY	255	
17	Color Add RY Fine	255	Fine byte of Color Add RY
18	Color Add GY	255	
19	Color Add GY Fine	255	Fine byte of Color Add GY

Mode 3 All Individual Full RGB (29 ch)

19 channels

Ch	Function	Default	DMX values
1	Dimmer	255	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
2	Dimmer Fine	255	Fine byte of Dimmer
3	Strobe Duration	0	0–254 Open 255–255 650ms
4	Strobe Rate	255	0–4 Closed 5–127 Slow 128–249 Medium 250–254 Fast 255–255 Open

Mode 3 All Individual Full RGB (29 ch) (continued)

Ch	Function	Default	DMX values
5	Strobe Mode Strobe	0	0–4 Off Normal Strobe 5–6 Single Flash 1 7–8 Over Flash 9–9 Single Flash 2 10–14 Spread Period (Offset) FX 15–19 Spread Sequential FX 20–24 Random All 25–29 Random Heads 30–34 Pulse All 35–39 Puls Random All 40–44 Puls Random Heads 45–49 Puls Open All 50–54 Puls Open Random All 55–59 Puls Open Random Heads 60–64 Puls Close All 65–69 Puls Close Random All 70–74 Puls Close Random Heads 75–79 Double-Flash All 80–84 Double-Flash Random All 85–89 Triple-Flash All 90–94 Triple Flash Random All 95–99 Lightning 100–104 Paparazzi 105–109 Spikes All 110–114 Spikes Segments 115–255 NoFeature
6	Control1	0	
7	Dimmer Mode	0	0–9 OFF 10–19 Tungsten ACL 250W/28V 20–29 Tungsten Blinder 650W/120V 30–39 Tungsten750W/80V 40–49 Tungsten 1000W/240V 50–59 Tungsten 1200W/240V 60–69 Tungsten 2000W/230V 70–79 Tungsten 2500W/230V 80–89 Tungsten 5000W/230V 90–119 No function 120–139 OFF 140–149 FX Tungsten ACL 250W/28V 150–159 FX Tungsten Blinder 650W/120V 160–169 FX Tungsten750W/80V 170–179 FX Tungsten 1000W/240V 180–189 FX Tungsten 1200W/240V 190–199 FX Tungsten 2000W/230V 200–209 FX Tungsten 2500W/230V 210–219 FX Tungsten 5000W/230V 220–255 No function
8	No Feature	0	
9	C TC	0	
10	Red	255	
11	Red Fine	255	Fine byte of Red
12	Green	255	
13	Green Fine	255	Fine byte of Green
14	Blue	255	
15	Blue Fine	255	Fine byte of Blue
16	No Feature	0	
17	No Feature Fine	0	Fine byte of No Feature
18	No Feature	0	

Mode 3 All Individual Full RGB (29 ch) (continued)

Ch	Function	Default	DMX values
19	No Feature Fine	0	Fine byte of No Feature

Mode 3 All Individual Full RGBAL (29 ch)

19 channels

Ch	Function	Default	DMX values
1	Dimmer	255	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
2	Dimmer Fine	255	Fine byte of Dimmer
3	Strobe Duration	0	0–254 Open 255–255 650ms
4	Strobe Rate	255	0–4 Closed 5–127 Slow 128–249 Medium 250–254 Fast 255–255 Open
5	Strobe Mode Strobe	0	0–4 Off Normal Strobe 5–6 Single Flash 1 7–8 Over Flash 9–9 Single Flash 2 10–14 Spread Period (Offset) FX 15–19 Spread Sequential FX 20–24 Random All 25–29 Random Heads 30–34 Pulse All 35–39 Puls Random All 40–44 Puls Random Heads 45–49 Puls Open All 50–54 Puls Open Random All 55–59 Puls Open Random Heads 60–64 Puls Close All 65–69 Puls Close Random All 70–74 Puls Close Random Heads 75–79 Double-Flash All 80–84 Double-Flash Random All 85–89 Triple-Flash All 90–94 Triple Flash Random All 95–99 Lightning 100–104 Paparazzi 105–109 Spikes All 110–114 Spikes Segments 115–255 NoFeature
6	Control1	0	

Mode 3 All Individual Full RGBAL (29 ch) (continued)

Ch	Function	Default	DMX values
7	Dimmer Mode	0	0–9 OFF 10–19 Tungsten ACL 250W/28V 20–29 Tungsten Blinder 650W/120V 30–39 Tungsten750W/80V 40–49 Tungsten 1000W/240V 50–59 Tungsten 1200W/240V 60–69 Tungsten 2000W/230V 70–79 Tungsten 2500W/230V 80–89 Tungsten 5000W/230V 90–119 No function 120–139 OFF 140–149 FX Tungsten ACL 250W/28V 150–159 FX Tungsten Blinder 650W/120V 160–169 FX Tungsten750W/80V 170–179 FX Tungsten 1000W/240V 180–189 FX Tungsten 1200W/240V 190–199 FX Tungsten 2000W/230V 200–209 FX Tungsten 2500W/230V 210–219 FX Tungsten 5000W/230V 220–255 No function
8	No Feature	0	
9	C TC	0	
10	Red	255	
11	Red Fine	255	Fine byte of Red
12	Green	255	
13	Green Fine	255	Fine byte of Green
14	Blue	255	
15	Blue Fine	255	Fine byte of Blue
16	Color Add RY	255	
17	Color Add RY Fine	255	Fine byte of Color Add RY
18	Color Add GY	255	
19	Color Add GY Fine	255	Fine byte of Color Add GY

Mode 4 Multi Fixture RGB (38 ch)

19 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	0	0–254 Open 255–255 650ms
4	Strobe Rate	255	0–4 Closed 5–127 Slow 128–249 Medium 250–254 Fast 255–255 Open

Mode 4 Multi Fixture RGB (38 ch) (continued)

Ch	Function	Default	DMX values
5	Strobe Mode Strobe	0	0–4 Off Normal Strobe 5–6 Single Flash 1 7–8 Over Flash 9–9 Single Flash 2 10–14 Spread Period (Offset) FX 15–19 Spread Sequential FX 20–24 Random All 25–29 Random Heads 30–34 Pulse All 35–39 Puls Random All 40–44 Puls Random Heads 45–49 Puls Open All 50–54 Puls Open Random All 55–59 Puls Open Random Heads 60–64 Puls Close All 65–69 Puls Close Random All 70–74 Puls Close Random Heads 75–79 Double-Flash All 80–84 Double-Flash Random All 85–89 Triple-Flash All 90–94 Triple Flash Random All 95–99 Lightning 100–104 Paparazzi 105–109 Spikes All 110–114 Spikes Segments 115–255 NoFeature
6	Control1	0	
7	Dimmer Mode	0	0–9 OFF 10–19 Tungsten ACL 250W/28V 20–29 Tungsten Blinder 650W/120V 30–39 Tungsten750W/80V 40–49 Tungsten 1000W/240V 50–59 Tungsten 1200W/240V 60–69 Tungsten 2000W/230V 70–79 Tungsten 2500W/230V 80–89 Tungsten 5000W/230V 90–119 No function 120–139 OFF 140–149 FX Tungsten ACL 250W/28V 150–159 FX Tungsten Blinder 650W/120V 160–169 FX Tungsten750W/80V 170–179 FX Tungsten 1000W/240V 180–189 FX Tungsten 1200W/240V 190–199 FX Tungsten 2000W/230V 200–209 FX Tungsten 2500W/230V 210–219 FX Tungsten 5000W/230V 220–255 No function
8	No Feature	0	
9	C TC	0	
10	Red	255	
11	Red Fine	255	Fine byte of Red
12	Green	255	
13	Green Fine	255	Fine byte of Green
14	Blue	255	
15	Blue Fine	255	Fine byte of Blue
16	No Feature	0	
17	No Feature Fine	0	Fine byte of No Feature
18	No Feature	0	

Mode 4 Multi Fixture RGB (38 ch) (continued)

Ch	Function	Default	DMX values
19	No Feature Fine	0	Fine byte of No Feature

Mode 4 Multi Fixture RGBAL (38 ch)

19 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	0	0–254 Open 255–255 650ms
4	Strobe Rate	255	0–4 Closed 5–127 Slow 128–249 Medium 250–254 Fast 255–255 Open
5	Strobe Mode Strobe	0	0–4 Off Normal Strobe 5–6 Single Flash 1 7–8 Over Flash 9–9 Single Flash 2 10–14 Spread Period (Offset) FX 15–19 Spread Sequential FX 20–24 Random All 25–29 Random Heads 30–34 Pulse All 35–39 Puls Random All 40–44 Puls Random Heads 45–49 Puls Open All 50–54 Puls Open Random All 55–59 Puls Open Random Heads 60–64 Puls Close All 65–69 Puls Close Random All 70–74 Puls Close Random Heads 75–79 Double-Flash All 80–84 Double-Flash Random All 85–89 Triple-Flash All 90–94 Triple Flash Random All 95–99 Lightning 100–104 Paparazzi 105–109 Spikes All 110–114 Spikes Segments 115–255 NoFeature
6	Control1	0	

Mode 4 Multi Fixture RGBAL (38 ch) (continued)

Ch	Function	Default	DMX values
7	Dimmer Mode	0	0–9 OFF 10–19 Tungsten ACL 250W/28V 20–29 Tungsten Blinder 650W/120V 30–39 Tungsten750W/80V 40–49 Tungsten 1000W/240V 50–59 Tungsten 1200W/240V 60–69 Tungsten 2000W/230V 70–79 Tungsten 2500W/230V 80–89 Tungsten 5000W/230V 90–119 No function 120–139 OFF 140–149 FX Tungsten ACL 250W/28V 150–159 FX Tungsten Blinder 650W/120V 160–169 FX Tungsten750W/80V 170–179 FX Tungsten 1000W/240V 180–189 FX Tungsten 1200W/240V 190–199 FX Tungsten 2000W/230V 200–209 FX Tungsten 2500W/230V 210–219 FX Tungsten 5000W/230V 220–255 No function
8	No Feature	0	
9	C TC	0	
10	Red	255	
11	Red Fine	255	Fine byte of Red
12	Green	255	
13	Green Fine	255	Fine byte of Green
14	Blue	255	
15	Blue Fine	255	Fine byte of Blue
16	Color Add RY	255	
17	Color Add RY Fine	255	Fine byte of Color Add RY
18	Color Add GY	255	
19	Color Add GY Fine	255	Fine byte of Color Add GY