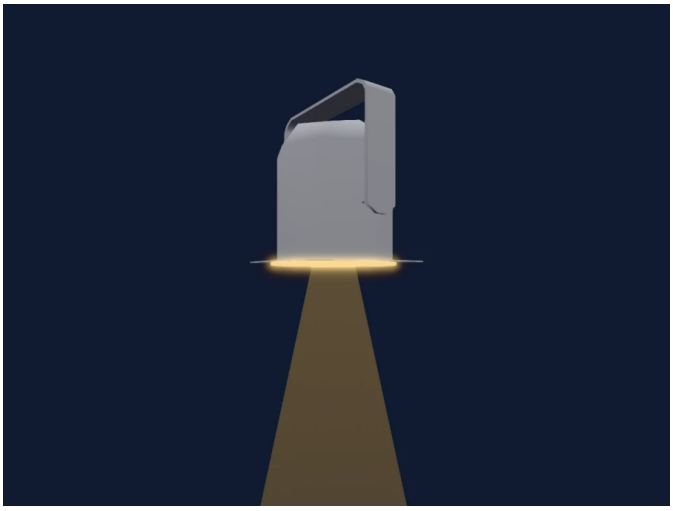
Brighter

Lumo IP



Manufacturer	**Brighter**
Type	**PAR**
DMX modes	**9**
DMX footprint	**1, 2, 3, 6, 9, 13, 19, 25 channels**
Beam angle	**25°**
Heads / cells	**2**
Size (W × H × D)	**200 × 163 × 45 mm**
GDTF fixture type	**BE7CADAB-E5F0-40ED-85DF-7…**

Controls

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

DMX modes

1Ch	1 ch
2Ch	2 ch
3Ch	3 ch
6Ch	6 ch
9Ch	9 ch
13Ch	13 ch
19Ch A	19 ch
19Ch B	19 ch
25Ch	25 ch

1Ch

1 channel

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

2Ch

2 channels

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

3Ch

3 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–5 Open 6–34 Strobe · Min 1–14.7 Hz 35–54 Strobe · Med 15.2–24.5 Hz 55–55 Strobe · Max 25 Hz 56–74 Pulse · Min 1–9.82 Hz 75–104 Pulse · Med 10.3–24.5 Hz 105–105 Pulse · Max 25 Hz 106–124 Random · Min 1–9.82 Hz 125–154 Random · Med 10.3–24.5 Hz 155–155 Random · Max 25 Hz 156–174 Pulse Open · Min 1–9.82 Hz 175–204 Pulse Open · Med 10.3–24.5 Hz 205–205 Pulse Open · Max 25 Hz 206–234 Pulse Close · Min 1–14.7 Hz 235–254 Pulse Close · Med 15.2–24.5 Hz 255–255 Pulse Close · Max 25 Hz

6Ch

6 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add C	255	
5	Color Add GY	255	
6	Color Add RY	255	

9Ch

9 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add C	255	
5	Color Add GY	255	

9Ch (continued)

Ch	Function	Default	DMX values
6	Color Add RY	255	
7	Red	255	
8	Green	255	
9	Blue	255	

13Ch

13 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–5 Open 6–34 Strobe · Min 1–14.7 Hz 35–54 Strobe · Med 15.2–24.5 Hz 55–55 Strobe · Max 25 Hz 56–74 Pulse · Min 1–9.82 Hz 75–104 Pulse · Med 10.3–24.5 Hz 105–105 Pulse · Max 25 Hz 106–124 Random · Min 1–9.82 Hz 125–154 Random · Med 10.3–24.5 Hz 155–155 Random · Max 25 Hz 156–174 Pulse Open · Min 1–9.82 Hz 175–204 Pulse Open · Med 10.3–24.5 Hz 205–205 Pulse Open · Max 25 Hz 206–234 Pulse Close · Min 1–14.7 Hz 235–254 Pulse Close · Med 15.2–24.5 Hz 255–255 Pulse Close · Max 25 Hz
4	Red	255	
5	Green	255	
6	Blue	255	
7	Color Add C	255	
8	Color Add GY	255	
9	Color Add RY	255	
10	Color Macro1	0	
11	C TO	0	0–17 Off 18–34 8000K 35–51 7500K 52–68 6500K 69–85 6000K 86–102 5600K 103–119 5500K 120–136 4500K 137–153 4000K 154–170 3500K 171–187 3200K 188–204 3000K 205–221 2700K 222–238 2500K 239–255 2000K
12	Tint	128	0–0 Off 1–127 Magenta Shift 128–128 Off 129–254 Green Shift 255–255 Off

13Ch (continued)

Ch	Function	Default	DMX values
13	Control1	0	0–10 Menu Set 11–16 Dimmer Smooth 17–21 Dimmer Fast 22–26 400Hz 27–31 1200Hz 32–36 2000Hz 37–41 4000Hz 42–46 6000Hz 47–51 8000Hz 52–56 16000Hz 57–61 24000Hz 62–66 Dimmer Linear 67–71 Dimmer Square 72–76 Dimmer I-Square 77–81 Dimmer S-Shape 82–86 Auto 87–91 Silent 92–96 Full 97–101 NoFeature 102–106 Off 107–111 On 112–255 NoFeature 1

19Ch A

19 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–5 Open 6–34 Strobe · Min 1–14.7 Hz 35–54 Strobe · Med 15.2–24.5 Hz 55–55 Strobe · Max 25 Hz 56–74 Pulse · Min 1–9.82 Hz 75–104 Pulse · Med 10.3–24.5 Hz 105–105 Pulse · Max 25 Hz 106–124 Random · Min 1–9.82 Hz 125–154 Random · Med 10.3–24.5 Hz 155–155 Random · Max 25 Hz 156–174 Pulse Open · Min 1–9.82 Hz 175–204 Pulse Open · Med 10.3–24.5 Hz 205–205 Pulse Open · Max 25 Hz 206–234 Pulse Close · Min 1–14.7 Hz 235–254 Pulse Close · Med 15.2–24.5 Hz 255–255 Pulse Close · Max 25 Hz
4	Red	255	
5	Green	255	
6	Blue	255	
7	Color Add C	255	
8	Color Add GY	255	
9	Color Add RY	255	
10	Dimmer	0	0–254 Closed 255–255 Open
11	Red	255	
12	Green	255	
13	Blue	255	

19Ch A (continued)

Ch	Function	Default	DMX values
14	Shape Selection	0	0–5 Off 6–15 Auto Run 16–25 FX1 26–35 FX2 36–45 FX3 46–55 FX4 56–65 FX5 66–75 FX6 76–85 FX7 86–95 FX8 96–105 FX9 106–115 FX10 116–125 FX11 126–135 FX12 136–145 Rainbow 1 146–155 Rainbow 2 156–165 Rainbow 3 166–175 Rainbow 4 176–185 Rainbow 5 186–195 Rainbow 6 196–205 Rainbow 7 206–215 Rainbow 8 216–225 Rainbow 9 226–235 Rainbow 10 236–255 NoFeature
15	Shape Speed	0	0–127 Slow 128–254 Med 255–255 Fast
16	Color Macro1	0	
17	C TO	0	0–17 Off 18–34 8000K 35–51 7500K 52–68 6500K 69–85 6000K 86–102 5600K 103–119 5500K 120–136 4500K 137–153 4000K 154–170 3500K 171–187 3200K 188–204 3000K 205–221 2700K 222–238 2500K 239–255 2000K
18	Tint	128	0–0 Off 1–127 Magenta Shift 128–128 Off 129–254 Green Shift 255–255 Off

19Ch A (continued)

Ch	Function	Default	DMX values
19	Control1	0	0–10 Menu Set 11–16 Dimmer Smooth 17–21 Dimmer Fast 22–26 400Hz 27–31 1200Hz 32–36 2000Hz 37–41 4000Hz 42–46 6000Hz 47–51 8000Hz 52–56 16000Hz 57–61 24000Hz 62–66 Dimmer Linear 67–71 Dimmer Square 72–76 Dimmer I-Square 77–81 Dimmer S-Shape 82–86 Auto 87–91 Silent 92–96 Full 97–101 NoFeature 102–106 Off 107–111 Onn 112–255 NoFeature 1

19Ch B

19 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–5 Open 6–34 Strobe · Min 1–14.7 Hz 35–54 Strobe · Med 15.2–24.5 Hz 55–55 Strobe · Max 25 Hz 56–74 Pulse · Min 1–9.82 Hz 75–104 Pulse · Med 10.3–24.5 Hz 105–105 Pulse · Max 25 Hz 106–124 Random · Min 1–9.82 Hz 125–154 Random · Med 10.3–24.5 Hz 155–155 Random · Max 25 Hz 156–174 Pulse Open · Min 1–9.82 Hz 175–204 Pulse Open · Med 10.3–24.5 Hz 205–205 Pulse Open · Max 25 Hz 206–234 Shutter1StrobePulseClose 6 · Min 1–14.7 Hz 235–254 Shutter1StrobePulseClose 6 · Med 15.2–24.5 Hz 255–255 Shutter1StrobePulseClose 6 · Max 25 Hz
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	Color Add C	255	
11	Color Add C Fine	255	Fine byte of Color Add C
12	Color Add GY	255	
13	Color Add GY Fine	255	Fine byte of Color Add GY
14	Color Add RY	255	

19Ch B (continued)

Ch	Function	Default	DMX values
15	Color Add RY Fine	255	Fine byte of Color Add RY
16	Color Macro1	0	
17	C TO	0	0–17 Off 18–34 8000K 35–51 7500K 52–68 6500K 69–85 6000K 86–102 5600K 103–119 5500K 120–136 4500K 137–153 4000K 154–170 3500K 171–187 3200K 188–204 3000K 205–221 2700K 222–238 2500K 239–255 2000K
18	Tint	128	0–0 Off 1–127 Magenta Shift 128–128 Off 129–254 Green Shift 255–255 Off
19	Control1	0	0–10 Menu Set 11–16 Dimmer Smooth 17–21 Dimmer Fast 22–26 400Hz 27–31 1200Hz 32–36 2000Hz 37–41 4000Hz 42–46 6000Hz 47–51 8000Hz 52–56 16000Hz 57–61 24000Hz 62–66 Dimmer Linear 67–71 Dimmer Square 72–76 Dimmer I-Square 77–81 Dimmer S-Shape 82–86 Auto 87–91 Silent 92–96 Full 97–101 NoFeature 102–106 Off 107–111 Onn 112–255 NoFeature 1

25Ch

25 channels

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

25Ch (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	0	0–5 Open 6–34 Strobe · Min 1–14.7 Hz 35–54 Strobe · Med 15.2–24.5 Hz 55–55 Strobe · Max 25 Hz 56–74 Pulse · Min 1–9.82 Hz 75–104 Pulse · Med 10.3–24.5 Hz 105–105 Pulse · Max 25 Hz 106–124 Random · Min 1–9.82 Hz 125–154 Random · Med 10.3–24.5 Hz 155–155 Random · Max 25 Hz 156–174 Pulse Open · Min 1–9.82 Hz 175–204 Pulse Open · Med 10.3–24.5 Hz 205–205 Pulse Open · Max 25 Hz 206–234 Shutter1StrobePulseClose 6 · Min 1–14.7 Hz 235–254 Shutter1StrobePulseClose 6 · Med 15.2–24.5 Hz 255–255 Shutter1StrobePulseClose 6 · Max 25 Hz
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	Color Add C	255	
11	Color Add C Fine	255	Fine byte of Color Add C
12	Color Add GY	255	
13	Color Add GY Fine	255	Fine byte of Color Add GY
14	Color Add RY	255	
15	Color Add RY Fine	255	Fine byte of Color Add RY
16	Dimmer	0	0–254 Closed 255–255 Open
17	Red	255	
18	Green	255	
19	Blue	255	

25Ch (continued)

Ch	Function	Default	DMX values
20	Shape Selection	0	0–5 Off 6–15 Auto Run 16–25 FX1 26–35 FX2 36–45 FX3 46–55 FX4 56–65 FX5 66–75 FX6 76–85 FX7 86–95 FX8 96–105 FX9 106–115 FX10 116–125 FX11 126–135 FX12 136–145 Rainbow 1 146–155 Rainbow 2 156–165 Rainbow 3 166–175 Rainbow 4 176–185 Rainbow 5 186–195 Rainbow 6 196–205 Rainbow 7 206–215 Rainbow 8 216–225 Rainbow 9 226–235 Rainbow 10 236–255 NoFeature
21	Shape Speed	0	0–127 Slow 128–254 Med 255–255 Fast
22	Color Macro1	0	
23	C TO	0	0–17 Off 18–34 8000K 35–51 7500K 52–68 6500K 69–85 6000K 86–102 5600K 103–119 5500K 120–136 4500K 137–153 4000K 154–170 3500K 171–187 3200K 188–204 3000K 205–221 2700K 222–238 2500K 239–255 2000K
24	Tint	128	0–0 Off 1–127 Magenta Shift 128–128 Off 129–254 Green Shift 255–255 Off

25Ch (continued)

Ch	Function	Default	DMX values
25	Control1	0	0–10 Menu Set 11–16 Dimmer Smooth 17–21 Dimmer Fast 22–26 400Hz 27–31 1200Hz 32–36 2000Hz 37–41 4000Hz 42–46 6000Hz 47–51 8000Hz 52–56 16000Hz 57–61 24000Hz 62–66 Dimmer Linear 67–71 Dimmer Square 72–76 Dimmer I-Square 77–81 Dimmer S-Shape 82–86 Auto 87–91 Silent 92–96 Full 97–101 NoFeature 102–106 Off 107–111 Onn 112–255 NoFeature 1