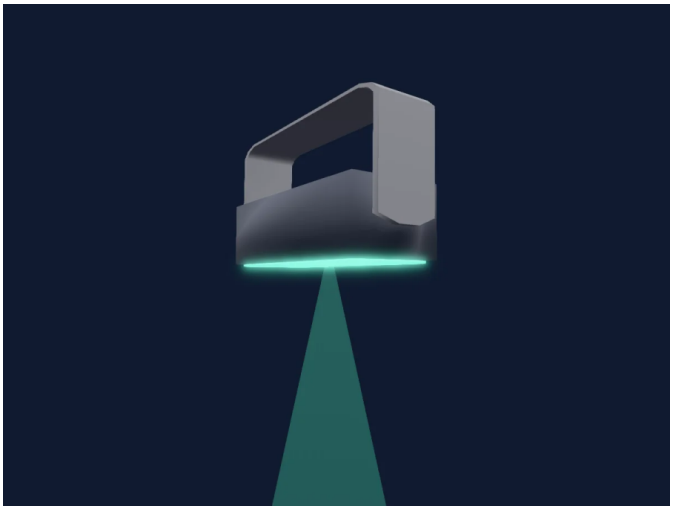
Brighter

Atom Splus



Manufacturer	**Brighter**
Type	**PAR**
DMX modes	**5**
DMX footprint	**6, 11, 18, 20 channels**
Beam angle	**25°**
Heads / cells	**2**
Size (W × H × D)	**370 × 170 × 95 mm**
GDTF fixture type	**0AD68550-575C-4E72-9E1C-C5…**

Controls

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

DMX modes

36Ch	6 ch
6Ch	6 ch
11Ch	11 ch
18Ch	18 ch
20Ch	20 ch

36Ch

6 channels

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

6Ch

6 channels

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

11Ch

11 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	5	0–5 Open 6–24 Strobe Min 25–54 Strobe Med 55–55 Strobe Max 56–80 Pulse Min 81–104 Pulse Med 105–105 Pulse Max 106–130 Rnd S>F strobe · Rnd Min 1–12.8 Hz 131–154 Rnd S>F strobe · Rnd Med 13.2–24.5 Hz 155–155 Rnd S>F strobe · Rnd Max 25 Hz 156–180 Pulse Open Min 181–204 Pulse Open Med 205–205 Pulse Open Max 206–229 Pulse Close Min 230–254 Pulse Close Med 255–255 Pulse Close Max
3	Red	255	
4	Green	255	
5	Blue	255	
6	Color Add RY	255	
7	Color Add GY	255	
8	Color Add C	255	

11Ch (continued)

Ch	Function	Default	DMX values
9	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
10	Tint	128	0–0 Off 1–127 Magenta Shift 128–128 Off 129–254 Green Shift 255–255 Off
11	Control1	0	0–0 Menu set 1–21 NoFeature 22–26 LED 400Hz 27–31 LED 1200Hz 32–36 LED 2000Hz 37–41 LED 4000Hz 42–46 LED 6000Hz 47–51 LED 8000Hz 52–56 LED 16000Hz 57–61 LED 24000Hz 62–66 Linear 67–71 Exponential 72–77 S-Shape 78–81 Logarithmic 82–86 Dim Speed 1 87–91 Dim Speed 2 92–96 Dim Speed 3 97–101 Dim Speed 4 102–106 Dim Speed 5 107–200 NoFeature 1 201–205 Always On 206–210 Saver 1 211–215 Saver 2 216–220 Fan Auto 221–225 Fan Fast 226–230 Fan Silent 231–240 W-DMX Off 241–250 W-DMX ON 251–255 NoFeature 2

18Ch

18 channels

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

18Ch (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	5	0–5 Open 6–24 Strobe Min 25–54 Strobe Med 55–55 Strobe Max 56–80 Pulse Min 81–104 Pulse Med 105–105 Pulse Max 106–130 Rnd S>F strobe · Rnd Min 1–12.8 Hz 131–154 Rnd S>F strobe · Rnd Med 13.2–24.5 Hz 155–155 Rnd S>F strobe · Rnd Max 25 Hz 156–180 Pulse Open Min 181–204 Pulse Open Med 205–205 Pulse Open Max 206–229 Pulse Close Min 230–254 Pulse Close Med 255–255 Pulse Close Max
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 RY	255	
11	Color Add RY Fine	255	Fine byte of Color Add RY
12	Color Add GY	255	
13	Color Add GY Fine	255	Fine byte of Color Add GY
14	Color Add C	255	
15	Color Add C Fine	255	Fine byte of Color Add C
16	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
17	Tint	128	0–0 Off 1–127 Magenta Shift 128–128 Off 129–254 Green Shift 255–255 Off

18Ch (continued)

Ch	Function	Default	DMX values
18	Control1	0	0–0 Menu set 1–21 NoFeature 22–26 LED 400Hz 27–31 LED 1200Hz 32–36 LED 2000Hz 37–41 LED 4000Hz 42–46 LED 6000Hz 47–51 LED 8000Hz 52–56 LED 16000Hz 57–61 LED 24000Hz 62–66 Linear 67–71 Exponential 72–77 S-Shape 78–81 Logarithmic 82–86 Dim Speed 1 87–91 Dim Speed 2 92–96 Dim Speed 3 97–101 Dim Speed 4 102–106 Dim Speed 5 107–200 NoFeature 1 201–205 Always On 206–210 Saver 1 211–215 Saver 2 216–220 Fan Auto 221–225 Fan Fast 226–230 Fan Silent 231–240 W-DMX Off 241–250 W-DMX ON 251–255 NoFeature 2

20Ch

20 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	5	0–5 Open 6–24 Strobe Min 25–54 Strobe Med 55–55 Strobe Max 56–80 Pulse Min 81–104 Pulse Med 105–105 Pulse Max 106–130 Rnd S>F strobe · Rnd Min 1–12.8 Hz 131–154 Rnd S>F strobe · Rnd Med 13.2–24.5 Hz 155–155 Rnd S>F strobe · Rnd Max 25 Hz 156–180 Pulse Open Min 181–204 Pulse Open Med 205–205 Pulse Open Max 206–229 Pulse Close Min 230–254 Pulse Close Med 255–255 Pulse Close Max
3	Shape Selection	0	0–4 Macro OFF 5–50 Macro 1 51–100 Macro 2 101–150 Macro 3 151–199 Macro 4 200–255 Macro 5

20Ch (continued)

Ch	Function	Default	DMX values
4	Shape Speed	192	0–128 Index 129–149 CW Fast 150–184 CW Med 185–191 CW Slow 192–198 Stop 199–233 CCW Slow 234–254 CWW Med 255–255 CCW Fast
5	Red	255	
6	Green	255	
7	Blue	255	
8	Color Add RY	255	
9	Color Add GY	255	
10	Color Add C	255	
11	Dimmer	0	0–254 Closed 255–255 Open
12	Red	255	
13	Green	255	
14	Blue	255	
15	Color Add RY	255	
16	Color Add GY	255	
17	Color Add C	255	
18	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
19	Tint	128	0–0 Off 1–127 Magenta Shift 128–128 Off 129–254 Green Shift 255–255 Off

20Ch (continued)

Ch	Function	Default	DMX values
20	Control1	0	0–0 Menu set 1–21 NoFeature 22–26 LED 400Hz 27–31 LED 1200Hz 32–36 LED 2000Hz 37–41 LED 4000Hz 42–46 LED 6000Hz 47–51 LED 8000Hz 52–56 LED 16000Hz 57–61 LED 24000Hz 62–66 Linear 67–71 Exponential 72–77 S-Shape 78–81 Logarithmic 82–86 Dim Speed 1 87–91 Dim Speed 2 92–96 Dim Speed 3 97–101 Dim Speed 4 102–106 Dim Speed 5 107–200 NoFeature 1 201–205 Always On 206–210 Saver 1 211–215 Saver 2 216–220 Fan Auto 221–225 Fan Full 226–230 Fan Slow 231–240 W-DMX Off 241–250 W-DMX ON 251–255 NoFeature 2