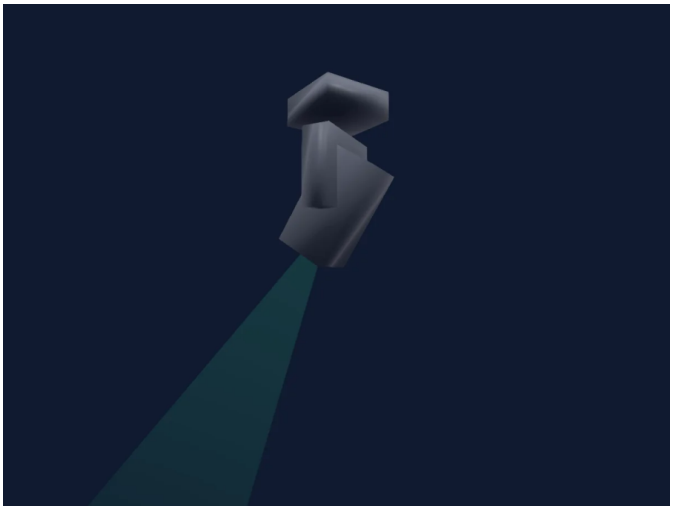
Lumen

LM-420BSW



Manufacturer	**Lumen**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**22 channels**
Beam angle	**25°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**240 × 450 × 220 mm**
GDTF fixture type	**CC365896-3041-4616-BE78-BC…**

Controls

Focus · Frost · Prism · Prism rotation · Zoom · Colour temperature · Colour wheel · Dimmer · Movement speed · Gobos · Gobo rotation

Safety-relevant functions

Lamp on and off · Fixture reset

DMX modes

22CH — 22 ch

22CH

22 channels

Ch	Function	Default	DMX values
1	Pan	128	0–127 MIN 128–254 Home 255–255 MAX
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	0–127 MIN 128–254 Home 255–255 MAX
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–254 fast 255–255 slow
6	C TO	0	0–254 6500K 255–255 2700K
7	Shutter1Strobe	252	0–3 close 4–102 Strobe min 103–103 Strobe max 104–107 open 108–206 Pulse min 207–207 Pulse max 208–212 open2 213–250 Random min 251–251 Random max 252–255 open2
8	Dimmer	0	0–254 Closed 255–255 Open
9	Color Wheel	0	0–9 white (wheel slot 1) 10–19 gold (wheel slot 2) 20–29 cyan (wheel slot 3) 30–39 orange (wheel slot 4) 40–49 pink (wheel slot 5) 50–59 darkorange (wheel slot 6) 60–69 magen (wheel slot 7) 70–79 yellow (wheel slot 8) 80–89 blue (wheel slot 9) 90–94 green (wheel slot 10) 95–174 >>> 175–175 >> 176–254 << 255–255 <<<

22CH (continued)

Ch	Function	Default	DMX values
10	Gobo	0	0–4 open (wheel slot 1) 5–9 gobo 1 (wheel slot 2) 10–14 gobo 2 (wheel slot 3) 15–19 gobo 3 (wheel slot 4) 20–24 gobo 4 (wheel slot 5) 25–29 gobo 5 (wheel slot 6) 30–34 gobo 6 (wheel slot 7) 35–39 gobo 7 (wheel slot 8) 40–44 gobo 8 (wheel slot 9) 45–49 gobo 9 (wheel slot 10) 50–54 gobo 10 (wheel slot 11) 55–59 Wheel Slot 1 (wheel slot 1) 60–64 Wheel Slot 2 (wheel slot 2) 65–69 Wheel Slot 3 (wheel slot 3) 70–74 Wheel Slot 4 (wheel slot 4) 75–79 Wheel Slot 5 (wheel slot 5) 80–84 Wheel Slot 6 (wheel slot 6) 85–89 Wheel Slot 7 (wheel slot 7) 90–94 Wheel Slot 8 (wheel slot 8) 95–99 Wheel Slot 9 (wheel slot 9) 100–104 Wheel Slot 10 (wheel slot 10) 105–109 Wheel Slot 11 (wheel slot 11) 110–179 <<< 180–180 << 181–254 >> 255–255 >>>
11	Gobo 2	0	0–4 SPOT 5–9 White (wheel slot 1) 10–19 gobo 1 (wheel slot 2) 20–29 gobo 2 (wheel slot 3) 30–39 gobo 3 (wheel slot 4) 40–49 gobo 4 (wheel slot 5) 50–59 gobo 5 (wheel slot 6) 60–69 gobo 6 (wheel slot 7) 70–79 gobo 7 (wheel slot 8) 80–89 Wheel Slot 2 (wheel slot 2) 90–99 Wheel Slot 3 (wheel slot 3) 100–109 Wheel Slot 4 (wheel slot 4) 110–119 Wheel Slot 5 (wheel slot 5) 120–129 Wheel Slot 6 (wheel slot 6) 130–139 Wheel Slot 7 (wheel slot 7) 140–149 Wheel Slot 8 (wheel slot 8) 150–199 >>> 200–200 >> 201–254 << 255–255 <<<
12	Gobo Rotation	191	0–126 min 127–127 max 128–189 >>> 190–190 >> 191–192 stop 193–254 << 255–255 <<<
13	Prism	0	0–127 open (wheel slot 1) 128–255 prism 1 (wheel slot 2)

22CH (continued)

Ch	Function	Default	DMX values
14	Prism Rotation	128	0–126 min 127–127 max 128–189 >>> 190–190 >> 191–192 stop 193–254 << 255–255 <<<
15	Prism	0	0–127 open (wheel slot 1) 128–255 prism2 (wheel slot 2)
16	Prism Rotation	128	0–126 min 127–127 max 128–189 >>> 190–190 >> 191–192 stop 193–254 << 255–255 <<<
17	Frost1	0	0–254 open 255–255 Frost
18	Zoom	0	
19	Focus	0	
20	Focus1Adjust	0	
21	Focus1Distance	0	0–20 None 21–59 3M 60–98 5M 99–137 7M 138–177 9M 178–215 11M 216–255 13M
22	Fixture Global Reset	0	0–25 None 26–50 Reset Effect 51–85 Reset XY 86–109 Lamp Off 110–209 Lamp On 210–255 Reset All