Brighter

X-Beam IP



Manufacturer	**Brighter**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**14, 17, 19 channels**
Beam angle	**1°**
Pan range	**540°**
Tilt range	**271°**
Size (W × H × D)	**200 × 316 × 200 mm**
GDTF fixture type	**34BF115E-9A14-4891-932A-79…**

Controls

Focus · Frost · Prism · Prism rotation · CMY colour mixing · Colour wheel · Strobe · Dimmer · Movement speed · Gobos

Safety-relevant functions

Fixture reset

DMX modes

14Ch	14 ch
17Ch	17 ch
19Ch	19 ch

14Ch

14 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Dimmer	0	0–254 Closed 255–255 Open
4	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
5	Cyan	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100%
6	Magenta	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100%
7	Yellow	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100%
8	Color Wheel	0	0–15 White (wheel slot 1) 16–35 Red (wheel slot 2) 36–55 Cyan (wheel slot 3) 56–75 Green (wheel slot 4) 76–95 Lavender (wheel slot 5) 96–115 Yellow (wheel slot 6) 116–135 Magenta (wheel slot 7) 136–155 Amber (wheel slot 8) 156–175 CTO (wheel slot 9) 176–195 CTB (wheel slot 10) 196–215 Pink (wheel slot 11) 216–235 Blue (wheel slot 12) 236–245 UV Blue (wheel slot 13) 246–249 Spin Slow 250–254 Spin Med 255–255 Spin Fast

14Ch (continued)

Ch	Function	Default	DMX values
9	Gobo	0	0–8 Open (wheel slot 1) 9–11 Gobo 1 (wheel slot 2) 12–14 Gobo 2 (wheel slot 3) 15–17 Gobo 3 (wheel slot 4) 18–20 Gobo 4 (wheel slot 5) 21–23 Gobo 5 (wheel slot 6) 24–26 Gobo 6 (wheel slot 7) 27–29 Gobo 7 (wheel slot 8) 30–32 Gobo 8 (wheel slot 9) 33–35 Gobo 9 (wheel slot 10) 36–38 Gobo 10 (wheel slot 11) 39–41 Gobo 11 (wheel slot 12) 42–44 Gobo 12 (wheel slot 13) 45–47 Gobo 13 (wheel slot 14) 48–50 Gobo 14 (wheel slot 15) 51–53 Gobo 15 (wheel slot 16) 54–56 Gobo 16 (wheel slot 17) 57–59 Gobo 17 (wheel slot 18) 60–63 Gobo 1 Shake (wheel slot 2) 64–67 Gobo 2 Shake (wheel slot 3) 68–71 Gobo 3 Shake (wheel slot 4) 72–75 Gobo 4 Shake (wheel slot 5) 76–79 Gobo 5 Shake (wheel slot 6) 80–83 Gobo 6 Shake (wheel slot 7) 84–87 Gobo 7 Shake (wheel slot 8) 88–91 Gobo 8 Shake (wheel slot 9) 92–95 Gobo 9 Shake (wheel slot 10) 96–99 Gobo 10 Shake (wheel slot 11) 100–103 Gobo 11 Shake (wheel slot 12) 104–107 Gobo 12 Shake (wheel slot 13) 108–111 Gobo 13 Shake (wheel slot 14) 112–115 Gobo 14 Shake (wheel slot 15) 116–119 Gobo 15 Shake (wheel slot 16) 120–123 Gobo 16 Shake (wheel slot 17) 124–127 Gobo 17 Shake (wheel slot 18) 128–159 CW Fast 160–186 CW Med 187–190 CW Slow 191–196 Stop 197–219 CCW Slow 220–254 CCW Med 255–255 CCW Fast
10	Prism	0	0–63 Pri Off (wheel slot 1) 64–127 Prism 1 (wheel slot 2) 128–190 Prism 2 (wheel slot 3) 191–255 Both Prisms (wheel slot 4)
11	Prism Rotation	0	0–127 Index 128–159 CW Fast 160–186 CW Med 187–190 CW Slow 191–196 Stop 197–219 CCW Slow 220–254 CCW Med 255–255 CCW Fast
12	Frost1	0	0–127 Off 128–255 On
13	Focus	128	

14Ch (continued)

Ch	Function	Default	DMX values
14	Control1	0	0–0 Menu Set 1–25 NoFeature 1 26–30 Beam Reset 31–35 Pos Reset 36–40 Total Reset 41–49 NoFeature 2 50–59 Fan Full 60–69 Fan Auto 70–79 Fan Slow 80–129 NoFeature 3 130–139 Pan Invert On 140–149 Pan Invert Off 150–159 Tilt invert on 160–169 Tilt invert off 170–177 1000Hz 178–185 3600Hz 186–193 7000Hz 194–199 25000Hz 200–204 Linear 205–209 Square 210–214 I-square 215–219 S-shape 220–229 Dimmer Fast 230–239 Dimmer Smooth 240–255 NoFeature

17Ch

17 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer
7	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
8	Cyan	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100%

17Ch (continued)

Ch	Function	Default	DMX values
9	Magenta	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100%
10	Yellow	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100%
11	Color Wheel	0	0–15 White (wheel slot 1) 16–35 Red (wheel slot 2) 36–55 Cyan (wheel slot 3) 56–75 Green (wheel slot 4) 76–95 Lavender (wheel slot 5) 96–115 Yellow (wheel slot 6) 116–135 Magenta (wheel slot 7) 136–155 Amber (wheel slot 8) 156–175 CTO (wheel slot 9) 176–195 CTB (wheel slot 10) 196–215 Pink (wheel slot 11) 216–235 Blue (wheel slot 12) 236–245 UV Blue (wheel slot 13) 246–249 Spin Slow 250–254 Spin Med 255–255 Spin Fast

17Ch (continued)

Ch	Function	Default	DMX values
12	Gobo	0	0–8 Open (wheel slot 1) 9–11 Gobo 1 (wheel slot 2) 12–14 Gobo 2 (wheel slot 3) 15–17 Gobo 3 (wheel slot 4) 18–20 Gobo 4 (wheel slot 5) 21–23 Gobo 5 (wheel slot 6) 24–26 Gobo 6 (wheel slot 7) 27–29 Gobo 7 (wheel slot 8) 30–32 Gobo 8 (wheel slot 9) 33–35 Gobo 9 (wheel slot 10) 36–38 Gobo 10 (wheel slot 11) 39–41 Gobo 11 (wheel slot 12) 42–44 Gobo 12 (wheel slot 13) 45–47 Gobo 13 (wheel slot 14) 48–50 Gobo 14 (wheel slot 15) 51–53 Gobo 15 (wheel slot 16) 54–56 Gobo 16 (wheel slot 17) 57–59 Gobo 17 (wheel slot 18) 60–63 Gobo 1 Shake (wheel slot 2) 64–67 Gobo 2 Shake (wheel slot 3) 68–71 Gobo 3 Shake (wheel slot 4) 72–75 Gobo 4 Shake (wheel slot 5) 76–79 Gobo 5 Shake (wheel slot 6) 80–83 Gobo 6 Shake (wheel slot 7) 84–87 Gobo 7 Shake (wheel slot 8) 88–91 Gobo 8 Shake (wheel slot 9) 92–95 Gobo 9 Shake (wheel slot 10) 96–99 Gobo 10 Shake (wheel slot 11) 100–103 Gobo 11 Shake (wheel slot 12) 104–107 Gobo 12 Shake (wheel slot 13) 108–111 Gobo 13 Shake (wheel slot 14) 112–115 Gobo 14 Shake (wheel slot 15) 116–119 Gobo 15 Shake (wheel slot 16) 120–123 Gobo 16 Shake (wheel slot 17) 124–127 Gobo 17 Shake (wheel slot 18) 128–159 CW Fast 160–186 CW Med 187–190 CW Slow 191–196 Stop 197–219 CCW Slow 220–254 CCW Med 255–255 CCW Fast
13	Prism	0	0–63 Pri Off (wheel slot 1) 64–127 Prism 1 (wheel slot 2) 128–190 Prism 2 (wheel slot 3) 191–255 Both Prisms (wheel slot 4)
14	Prism Rotation	0	0–127 Index 128–159 CW Fast 160–186 CW Med 187–190 CW Slow 191–196 Stop 197–219 CCW Slow 220–254 CCW Med 255–255 CCW Fast
15	Frost1	0	0–127 Off 128–255 On
16	Focus	128	

17Ch (continued)

Ch	Function	Default	DMX values
17	Control1	0	0–0 Menu Set 1–25 NoFeature 1 26–30 Beam Reset 31–35 Pos Reset 36–40 Total Reset 41–49 NoFeature 2 50–59 Fan Full 60–69 Fan Auto 70–79 Fan Slow 80–129 NoFeature 3 130–139 Pan Invert On 140–149 Pan Invert Off 150–159 Tilt invert on 160–169 Tilt invert off 170–177 1000Hz 178–185 3600Hz 186–193 7000Hz 194–199 25000Hz 200–204 Linear 205–209 Square 210–214 I-square 215–219 S-shape 220–229 Dimmer Fast 230–239 Dimmer Smooth 240–255 NoFeature

19Ch

19 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–254 Fast 255–255 Slow
6	Dimmer	0	0–254 Closed 255–255 Open
7	Dimmer Fine	0	Fine byte of Dimmer
8	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

19Ch (continued)

Ch	Function	Default	DMX values
9	Cyan	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100%
10	Magenta	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100%
11	Yellow	0	0–63 0% 64–127 25% 128–191 50% 192–254 75% 255–255 100%
12	Color Wheel	0	0–15 White (wheel slot 1) 16–35 Red (wheel slot 2) 36–55 Cyan (wheel slot 3) 56–75 Green (wheel slot 4) 76–95 Lavender (wheel slot 5) 96–115 Yellow (wheel slot 6) 116–135 Magenta (wheel slot 7) 136–155 Amber (wheel slot 8) 156–175 CTO (wheel slot 9) 176–195 CTB (wheel slot 10) 196–215 Pink (wheel slot 11) 216–235 Blue (wheel slot 12) 236–245 UV Blue (wheel slot 13) 246–249 Spin Slow 250–254 Spin Med 255–255 Spin Fast

19Ch (continued)

Ch	Function	Default	DMX values
13	Gobo	0	0–8 Open (wheel slot 1) 9–11 Gobo 1 (wheel slot 2) 12–14 Gobo 2 (wheel slot 3) 15–17 Gobo 3 (wheel slot 4) 18–20 Gobo 4 (wheel slot 5) 21–23 Gobo 5 (wheel slot 6) 24–26 Gobo 6 (wheel slot 7) 27–29 Gobo 7 (wheel slot 8) 30–32 Gobo 8 (wheel slot 9) 33–35 Gobo 9 (wheel slot 10) 36–38 Gobo 10 (wheel slot 11) 39–41 Gobo 11 (wheel slot 12) 42–44 Gobo 12 (wheel slot 13) 45–47 Gobo 13 (wheel slot 14) 48–50 Gobo 14 (wheel slot 15) 51–53 Gobo 15 (wheel slot 16) 54–56 Gobo 16 (wheel slot 17) 57–59 Gobo 17 (wheel slot 18) 60–63 Gobo 1 Shake (wheel slot 2) 64–67 Gobo 2 Shake (wheel slot 3) 68–71 Gobo 3 Shake (wheel slot 4) 72–75 Gobo 4 Shake (wheel slot 5) 76–79 Gobo 5 Shake (wheel slot 6) 80–83 Gobo 6 Shake (wheel slot 7) 84–87 Gobo 7 Shake (wheel slot 8) 88–91 Gobo 8 Shake (wheel slot 9) 92–95 Gobo 9 Shake (wheel slot 10) 96–99 Gobo 10 Shake (wheel slot 11) 100–103 Gobo 11 Shake (wheel slot 12) 104–107 Gobo 12 Shake (wheel slot 13) 108–111 Gobo 13 Shake (wheel slot 14) 112–115 Gobo 14 Shake (wheel slot 15) 116–119 Gobo 15 Shake (wheel slot 16) 120–123 Gobo 16 Shake (wheel slot 17) 124–127 Gobo 17 Shake (wheel slot 18) 128–159 CW Fast 160–186 CW Med 187–190 CW Slow 191–196 Stop 197–219 CCW Slow 220–254 CCW Med 255–255 CCW Fast
14	Prism	0	0–63 Pri Off (wheel slot 1) 64–127 Prism 1 (wheel slot 2) 128–190 Prism 2 (wheel slot 3) 191–255 Both Prisms (wheel slot 4)
15	Prism Rotation	0	0–127 Index 128–159 CW Fast 160–186 CW Med 187–190 CW Slow 191–196 Stop 197–219 CCW Slow 220–254 CCW Med 255–255 CCW Fast
16	Frost1	0	0–127 Off 128–255 On
17	Focus	128	
18	Focus Fine	0	Fine byte of Focus

19Ch (continued)

Ch	Function	Default	DMX values
19	Control1	0	0–0 Menu Set 1–25 NoFeature 1 26–30 Beam Reset 31–35 Pos Reset 36–40 Total Reset 41–49 NoFeature 2 50–59 Fan Full 60–69 Fan Auto 70–79 Fan Slow 80–129 NoFeature 3 130–139 Pan Invert On 140–149 Pan Invert Off 150–159 Tilt invert on 160–169 Tilt invert off 170–177 1000Hz 178–185 3600Hz 186–193 7000Hz 194–199 25000Hz 200–204 Linear 205–209 Square 210–214 I-square 215–219 S-shape 220–229 Dimmer Fast 230–239 Dimmer Smooth 240–255 NoFeature