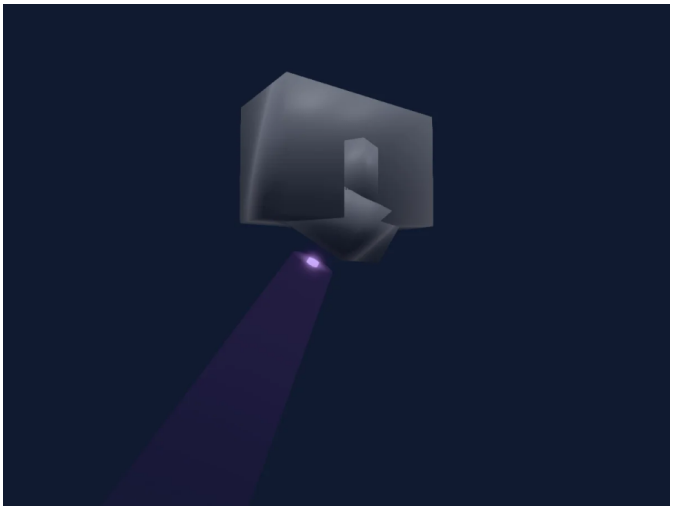
Blizzard Lighting LLC

G-Mix 350



Manufacturer	**Blizzard Lighting LLC**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**21, 23 channels**
Beam angle	**3-40°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**381 × 235 × 381 mm**
GDTF fixture type	**EDE9510A-011A-492E-A6E9-A1…**

Controls

Focus · Frost · Prism · Prism rotation · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset

DMX modes

21ch	21 ch
23 Channel	23 ch

21ch

21 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Position MSpeed	0	
4	Dimmer	0	
5	Shutter / Strobe	32	0–31 Close 32–63 Open 64–95 Strobe (slow to fast) 96–127 Open 128–143 Ramp Up (slow to fast) strobe 1–6.32 Hz 144–159 Ramp Up (slow to fast) strobe · Ramp Down (fast t… 160–191 Open 192–223 Random Strobe (slow to fast) 224–255 Open
6	Color Wheel	0	0–13 Open (wheel slot 1) 14–38 Open / Pink (split) (wheel slot 2) 39–64 Pink (wheel slot 3) 65–89 Pink / Orange (split) (wheel slot 4) 90–114 Orange (wheel slot 5) 115–138 Orange / Cool White (split) (wheel slot 6) 139–164 Cool White (wheel slot 7) 165–191 Cool White / White (CRI boost filter) (wheel slot 8) 192–255 White (CRI boost filter) (wheel slot 9)
7	Color Wheel 2	0	0–13 Open (wheel slot 1) 14–38 Open / Red (split) (wheel slot 2) 39–64 Red (wheel slot 3) 65–89 Red / Green (split) (wheel slot 4) 90–114 Green (wheel slot 5) 115–138 Green / UV Blue (split) (wheel slot 6) 139–164 UV Blue (wheel slot 7) 165–191 UV Blue / Yellow (split) (wheel slot 8) 192–255 Yellow (wheel slot 9)
8	C TO	0	
9	Cyan	0	
10	Magenta	0	
11	Yellow	0	

21ch (continued)

Ch	Function	Default	DMX values
12	Gobo	0	0–3 No function (wheel slot 1) 4–7 Gobo 1 (small reducer) (wheel slot 2) 8–12 Gobo 2 (medium reducer) (wheel slot 3) 13–16 Gobo 3 (large reducer) (wheel slot 4) 17–20 Gobo 4 (wheel slot 5) 21–24 Gobo 5 (wheel slot 6) 25–29 Gobo 6 (wheel slot 7) 30–33 Gobo 7 (wheel slot 8) 34–37 Gobo 8 (wheel slot 9) 38–41 Gobo 9 (wheel slot 10) 42–71 Gobo 10 (motion effect) (wheel slot 11) 72–113 Index (counterclockwise) 114–117 Stop 118–159 Index (clockwise) 160–165 Gobo 1 Shake 166–170 Gobo 2 Shake 171–176 Gobo 3 Shake 177–181 Gobo 4 Shake 182–187 Gobo 5 Shake 188–193 Gobo 6 Shake 194–198 Gobo 7 Shake 199–204 Gobo 8 Shake 205–209 Gobo 9 Shake 210–255 Gobo 10 Shake

21ch (continued)

Ch	Function	Default	DMX values
13	Gobo 2	0	0–4 Open 5–7 Gobo 1 8–10 Gobo 2 11–13 Gobo 3 14–16 Gobo 4 17–19 Gobo 5 20–22 Gobo 6 23–25 Gobo 7 26–28 Gobo 8 29–31 Gobo 9 32–34 Gobo 1 Rot 35–37 Gobo 2 Rot 38–40 Gobo 3 Rot 41–43 Gobo 4 Rot 44–46 Gobo 5 Rot 47–49 Gobo 6 Rot 50–52 Gobo 7 Rot 53–55 Gobo 8 Rot 56–59 Gobo 9 Rot 60–67 Gobo 1 Shake 68–75 Gobo 2 Shake 76–83 Gobo 3 Shake 84–91 Gobo 4 Shake 92–99 Gobo 5 Shake 100–107 Gobo 6 Shake 108–115 Gobo 7 Shake 116–123 Gobo 8 Shake 124–129 Gobo 9 Shake 130–137 Gobo 1 Shake 138–145 Gobo 2 Shake 146–153 Gobo 3 Shake 154–161 Gobo 4 Shake 162–169 Gobo 5 Shake 170–177 Gobo 6 Shake 178–185 Gobo 7 Shake 186–193 Gobo 8 Shake 194–199 Gobo 9 Shake 200–227 Index (counterclockwise) 228–229 Stop 230–255 Index (clockwise)
14	Gobo Rotation	0	0–0 Stop 1–127 Rotate (counterclockwise) 128–129 Stop 130–255 Rotate (clockwise)
15	Prism	0	0–1 No function (wheel slot 1) 2–63 8-facet Prism (wheel slot 2) 64–255 3-facet Prism (wheel slot 3)
16	Prism Rotation	0	0–0 No function 1–127 Rotate (incremental) 128–190 Auto rotation counterclockwise (fast to slow) 191–192 Stop 193–255 Auto rotation clockwise (slow to fast)
17	Prism Rotation	0	0–0 No function 1–127 Rotate (incremental) 128–190 Auto rotation counterclockwise (fast to slow) 191–192 Stop 193–255 Auto rotation clockwise (slow to fast)
18	Frost1	0	0–64 No function 65–255 Frost (0% to 100%)
19	Zoom	0	

21ch (continued)

Ch	Function	Default	DMX values
20	Focus	0	
21	Fixture Global Reset	0	0–139 No function 140–149 Pan/Tilt reset 150–159 No function 160–169 Step motor reset 170–199 No function 200–209 Reset all motors 210–255 No function

23 Channel

23 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	
6	Dimmer	0	
7	Shutter / Strobe	32	0–31 Close 32–63 Open 64–95 Strobe (slow to fast) 96–127 Open 128–143 Ramp Up (slow to fast) strobe 1–6.32 Hz 144–159 Ramp Up (slow to fast) strobe · Ramp Down (fast t… 160–191 Open 192–223 Random Strobe (slow to fast) 224–255 Open
8	Color Wheel	0	0–13 Open (wheel slot 1) 14–38 Open / Pink (split) (wheel slot 2) 39–64 Pink (wheel slot 3) 65–89 Pink / Orange (split) (wheel slot 4) 90–114 Orange (wheel slot 5) 115–138 Orange / Cool White (split) (wheel slot 6) 139–164 Cool White (wheel slot 7) 165–191 Cool White / White (CRI boost filter) (wheel slot 8) 192–255 White (CRI boost filter) (wheel slot 9)
9	Color Wheel 2	0	0–13 Open (wheel slot 1) 14–38 Open / Red (split) (wheel slot 2) 39–64 Red (wheel slot 3) 65–89 Red / Green (split) (wheel slot 4) 90–114 Green (wheel slot 5) 115–138 Green / UV Blue (split) (wheel slot 6) 139–164 UV Blue (wheel slot 7) 165–191 UV Blue / Yellow (split) (wheel slot 8) 192–255 Yellow (wheel slot 9)
10	C TO	0	
11	Cyan	0	
12	Magenta	0	
13	Yellow	0	

23 Channel (continued)

Ch	Function	Default	DMX values
14	Gobo	0	0–3 No function (wheel slot 1) 4–7 Gobo 1 (small reducer) (wheel slot 2) 8–12 Gobo 2 (medium reducer) (wheel slot 3) 13–16 Gobo 3 (large reducer) (wheel slot 4) 17–20 Gobo 4 (wheel slot 5) 21–24 Gobo 5 (wheel slot 6) 25–29 Gobo 6 (wheel slot 7) 30–33 Gobo 7 (wheel slot 8) 34–37 Gobo 8 (wheel slot 9) 38–41 Gobo 9 (wheel slot 10) 42–71 Gobo 10 (motion effect) (wheel slot 11) 72–113 Index (counterclockwise) 114–117 Stop 118–159 Index (clockwise) 160–165 Gobo 1 Shake 166–170 Gobo 2 Shake 171–176 Gobo 3 Shake 177–181 Gobo 4 Shake 182–187 Gobo 5 Shake 188–193 Gobo 6 Shake 194–198 Gobo 7 Shake 199–204 Gobo 8 Shake 205–209 Gobo 9 Shake 210–255 Gobo 10 Shake

23 Channel (continued)

Ch	Function	Default	DMX values
15	Gobo 2	0	0–4 Open 5–7 Gobo 1 8–10 Gobo 2 11–13 Gobo 3 14–16 Gobo 4 17–19 Gobo 5 20–22 Gobo 6 23–25 Gobo 7 26–28 Gobo 8 29–31 Gobo 9 32–34 Gobo 1 Rot 35–37 Gobo 2 Rot 38–40 Gobo 3 Rot 41–43 Gobo 4 Rot 44–46 Gobo 5 Rot 47–49 Gobo 6 Rot 50–52 Gobo 7 Rot 53–55 Gobo 8 Rot 56–59 Gobo 9 Rot 60–67 Gobo 1 Shake 68–75 Gobo 2 Shake 76–83 Gobo 3 Shake 84–91 Gobo 4 Shake 92–99 Gobo 5 Shake 100–107 Gobo 6 Shake 108–115 Gobo 7 Shake 116–123 Gobo 8 Shake 124–129 Gobo 9 Shake 130–137 Gobo 1 Shake 138–145 Gobo 2 Shake 146–153 Gobo 3 Shake 154–161 Gobo 4 Shake 162–169 Gobo 5 Shake 170–177 Gobo 6 Shake 178–185 Gobo 7 Shake 186–193 Gobo 8 Shake 194–199 Gobo 9 Shake 200–227 Index (counterclockwise) 228–229 Stop 230–255 Index (clockwise)
16	Gobo Rotation	0	0–0 Stop 1–127 Rotate (counterclockwise) 128–129 Stop 130–255 Rotate (clockwise)
17	Prism	0	0–1 No function (wheel slot 1) 2–63 8-facet Prism (wheel slot 2) 64–255 3-facet Prism (wheel slot 3)
18	Prism Rotation	0	0–0 No function 1–127 Rotate (incremental) 128–190 Auto rotation counterclockwise (fast to slow) 191–192 Stop 193–255 Auto rotation clockwise (slow to fast)
19	Prism Rotation	0	0–0 No function 1–127 Rotate (incremental) 128–190 Auto rotation counterclockwise (fast to slow) 191–192 Stop 193–255 Auto rotation clockwise (slow to fast)
20	Frost1	0	0–64 No function 65–255 Frost (0% to 100%)
21	Zoom	0	

23 Channel (continued)

Ch	Function	Default	DMX values
22	Focus	0	
23	Fixture Global Reset	0	0–139 No function 140–149 Pan/Tilt reset 150–159 No function 160–169 Step motor reset 170–199 No function 200–209 Reset all motors 210–255 No function