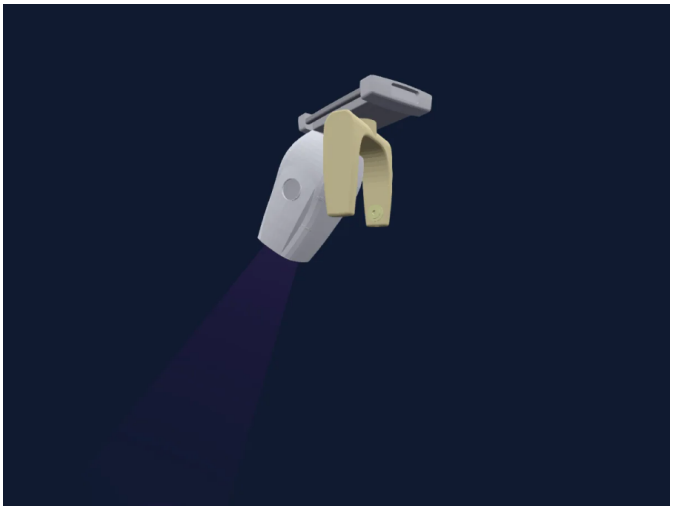
MARK

BEAM LED 150



Manufacturer	**MARK**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**16, 20 channels**
Beam angle	**25°**
Pan range	**540°**
Tilt range	**268°**
Size (W × H × D)	**306 × 485 × 274 mm**
GDTF fixture type	**60C38D7A-AD0F-413A-A546-C…**

Controls

Frost · Prism · Prism rotation · Zoom · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Gobos

Safety-relevant functions

Fixture reset

DMX modes

16 CHANNELS	16 ch
20 CHANNELS	20 ch

16 CHANNELS

16 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	Shutter1Strobe	0	0–3 Close 4–103 S > F 104–107 Open 108–207 S > F 208–212 Open 213–225 Random Strobe Slow 226–238 Random Strobe Medium 239–251 Random Strobe Fast 252–255 Open
6	Dimmer	0	
7	Color Wheel	0	0–4 White (wheel slot 1) 5–9 White + Red (wheel slot 2) 10–14 Red (wheel slot 2) 15–19 Red + Amber (wheel slot 3) 20–24 Amber (wheel slot 3) 25–29 Amber + Cyan (wheel slot 4) 30–34 Cyan (wheel slot 4) 35–39 Cyan + CTO (wheel slot 5) 40–44 CTO (wheel slot 5) 45–49 CTO + Frost White (wheel slot 6) 50–54 Frost White (wheel slot 6) 55–59 Frost White + Magenta (wheel slot 7) 60–64 Magenta (wheel slot 7) 65–69 Magenta + Dark Green (wheel slot 8) 70–74 Dark Green (wheel slot 8) 75–79 Dark Green + Blue (wheel slot 9) 80–84 Blue (wheel slot 9) 85–89 Blue + UV (wheel slot 10) 90–94 UV (wheel slot 10) 95–99 UV + Yellow (wheel slot 11) 100–104 Yellow (wheel slot 11) 105–109 Yellow + Light Green (wheel slot 12) 110–114 Light Green (wheel slot 12) 115–119 Light Green + Pink (wheel slot 13) 120–124 Pink (wheel slot 13) 125–129 Pink + Light Yellow (wheel slot 14) 130–134 Light Yellow (wheel slot 14) 135–139 Light Yellow + White (wheel slot 1) 140–149 White (wheel slot 1) 150–199 CW F > S 200–205 Stop 206–255 CCW S > F

16 CHANNELS (continued)

Ch	Function	Default	DMX values
8	Gobo	0	0–9 Open (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 Gobo 8 (wheel slot 9) 90–99 Gobo 9 (wheel slot 10) 100–109 Reducer 1 (wheel slot 11) 110–119 Reducer 2 (wheel slot 12) 120–127 Gobo 1 Shake S > F (wheel slot 2) 128–135 Gobo 2 Shake S > F (wheel slot 3) 136–143 Gobo 3 Shake S > F (wheel slot 4) 144–151 Gobo 4 Shake S > F (wheel slot 5) 152–159 Gobo 5 Shake S > F (wheel slot 6) 160–167 Gobo 6 Shake S > F (wheel slot 7) 168–175 Gobo 7 Shake S > F (wheel slot 8) 176–183 Gobo 8 Shake S > F (wheel slot 9) 184–191 Gobo 9 Shake S > F (wheel slot 10) 192–199 Reducer 1 Shake S > F (wheel slot 11) 200–207 Reducer 2 Shake S > F (wheel slot 12) 208–230 CW F > S 231–232 Stop 233–255 CCW S > F
9	Zoom	127	
10	C TC	0	0–127 Off 128–255 CTC
11	Frost1	0	
12	Prism	0	0–127 Open 128–255 Prism 1
13	Prism Rotation	0	0–63 Index 64–126 CW F > S 127–128 Stop 129–191 CCW S > F 192–255 CW + CCW S > F
14	Prism	0	0–127 Open 128–255 Prism 2
15	Prism Rotation	0	0–63 Index 64–126 CW F > S 127–128 Stop 129–191 CCW S > F 192–255 CW + CCW S > F
16	Fixture Global Reset	0	0–199 No function 200–255 Reset

20 CHANNELS

20 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	

20 CHANNELS (continued)

Ch	Function	Default	DMX values
6	Shutter / Strobe	0	0–3 Close 4–103 Strobe S>F · S > F 104–107 Open 108–207 Pulse · S > F 208–212 Open 213–225 Random Strobe Slow 226–238 Random Strobe Medium 239–251 Random Strobe Fast 252–255 Open
7	Dimmer	0	
8	Dimmer Fine	0	Fine byte of Dimmer
9	Color Wheel	0	0–4 White (wheel slot 1) 5–9 White + Red (wheel slot 2) 10–14 Red (wheel slot 2) 15–19 Red + Amber (wheel slot 3) 20–24 Amber (wheel slot 3) 25–29 Amber + Cyan (wheel slot 4) 30–34 Cyan (wheel slot 4) 35–39 Cyan + CTO (wheel slot 5) 40–44 CTO (wheel slot 5) 45–49 CTO + Frost White (wheel slot 6) 50–54 Frost White (wheel slot 6) 55–59 Frost White + Magenta (wheel slot 7) 60–64 Magenta (wheel slot 7) 65–69 Magenta + Dark Green (wheel slot 8) 70–74 Dark Green (wheel slot 8) 75–79 Dark Green + Blue (wheel slot 9) 80–84 Blue (wheel slot 9) 85–89 Blue + UV (wheel slot 10) 90–94 UV (wheel slot 10) 95–99 UV + Yellow (wheel slot 11) 100–104 Yellow (wheel slot 11) 105–109 Yellow + Light Green (wheel slot 12) 110–114 Light Green (wheel slot 12) 115–119 Light Green + Pink (wheel slot 13) 120–124 Pink (wheel slot 13) 125–129 Pink + Light Yellow (wheel slot 14) 130–134 Light Yellow (wheel slot 14) 135–139 Light Yellow + White (wheel slot 1) 140–148 White (wheel slot 1) 149–199 CW F > S 200–205 Stop 206–255 CCW S > F
10	Color Wheel Fine	0	Fine byte of Color Wheel

20 CHANNELS (continued)

Ch	Function	Default	DMX values
11	Gobo	0	0–9 Open (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 Gobo 8 (wheel slot 9) 90–99 Gobo 9 (wheel slot 10) 100–109 Reducer 1 (wheel slot 11) 110–119 Reducer 2 (wheel slot 12) 120–127 Gobo 1 Shake S > F (wheel slot 2) 128–135 Gobo 2 Shake S > F (wheel slot 3) 136–143 Gobo 3 Shake S > F (wheel slot 4) 144–151 Gobo 4 Shake S > F (wheel slot 5) 152–159 Gobo 5 Shake S > F (wheel slot 6) 160–167 Gobo 6 Shake S > F (wheel slot 7) 168–175 Gobo 7 Shake S > F (wheel slot 8) 176–183 Gobo 8 Shake S > F (wheel slot 9) 184–191 Gobo 9 Shake S > F (wheel slot 10) 192–199 Reducer 1 Shake S > F (wheel slot 11) 200–207 Reducer 2 Shake S > F (wheel slot 12) 208–230 CW F > S 231–232 Stop 233–255 CCW S > F
12	Zoom	127	
13	Zoom Fine	255	Fine byte of Zoom
14	C TC	0	0–127 Off 128–255 CTC
15	Frost1	0	
16	Prism	0	0–127 Open 128–255 Prism 1
17	Prism Rotation	0	0–63 Index 64–126 CW F > S 127–128 Stop 129–191 CCW S > F 192–255 CW + CCW S > F
18	Prism	0	0–127 Open 128–255 Prism 2
19	Prism Rotation	0	0–63 Index 64–126 CW F > S 127–128 Stop 129–191 CCW S > F 192–255 CW + CCW S > F
20	Fixture Global Reset	0	0–199 No function 200–255 Reset