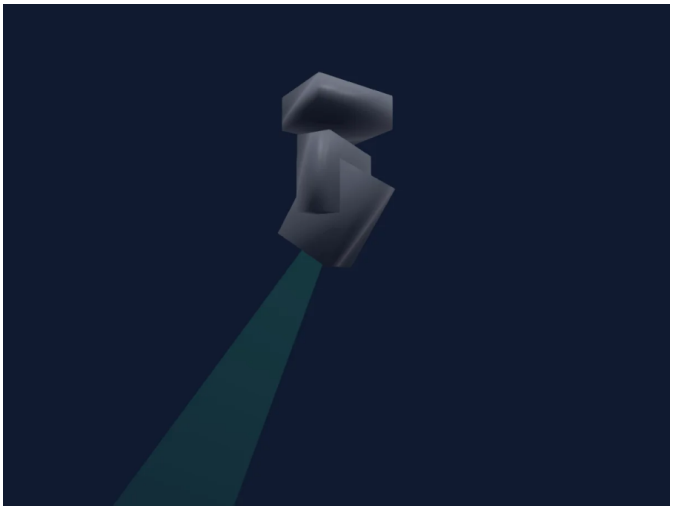
Lightsense

Head 12



Manufacturer	**Lightsense**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**20 channels**
Beam angle	**11-25°**
Pan range	**540°**
Tilt range	**220°**
Size (W × H × D)	**203 × 325 × 220 mm**
GDTF fixture type	**2669CBFB-9296-4792-A56C-1E…**

Controls

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

Safety-relevant functions

Fixture reset

DMX modes

Default 20 ch

Default

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	
6	Dimmer	0	0–254 Closed 255–255 Open
7	Dimmer Fine	0	Fine byte of Dimmer
8	Strobe Mode Strobe	255	0–3 Closed Strobe 4–127 Pulse strobe Slow to Fast 128–191 Gradient strobe Slow to Fast 192–251 Random strobe Slow to Fast 252–255 Open
9	Color Wheel	0	
10	Color Wheel Fine	0	Fine byte of Color Wheel
11	Gobo	0	0–9 Open Gobo (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) 80–99 Gobo 8 (wheel slot 9) 100–109 Shake From Slow to fast White (wheel slot 1) 110–119 Gobo 1 Shake (wheel slot 2) 120–129 Gobo 2 Shake (wheel slot 3) 130–139 Gobo 3 Shake (wheel slot 4) 140–149 Gobo 4 Shake (wheel slot 5) 150–159 Gobo 5 Shake (wheel slot 6) 160–169 Gobo 6 Shake (wheel slot 7) 170–179 Gobo 7 Shake (wheel slot 8) 180–189 Gobo 8 Shake (wheel slot 9) 190–223 Reverse flow from to fast to slow 224–255 Forward flow from slow to fast
12	Gobo 2	0	0–9 Open Gobo (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 1 Shake (wheel slot 2) 90–99 Gobo 2 Shake (wheel slot 3) 100–109 Gobo 3 Shake (wheel slot 4) 110–119 Gobo 4 Shake (wheel slot 5) 120–129 Gobo 5 Shake (wheel slot 6) 130–139 Gobo 6 Shake (wheel slot 7) 140–149 Gobo 7 Shake (wheel slot 8) 150–200 Forward flow from fast to slow 201–255 Reverse flow from slow to fast
13	Gobo Rotation	0	0–127 0-360 degree 128–190 Reverse flow fast to slow 191–192 Stop 193–255 Forward flow from slow to fast
14	Focus	0	

Default (continued)

Ch	Function	Default	DMX values
15	Focus Fine	0	Fine byte of Focus
16	Zoom	0	
17	Prism	0	0–127 Open Prism 128–255 Insert prism
18	Prism Rotation	0	0–127 0-360 degree 128–187 Forward flow from fast to slow 188–195 Stop 196–255 Revert flow from slow to fast
19	Frost1	0	0–127 No Function 128–255 Frost
20	Fixture Global Reset	0	0–209 No Function 210–215 Reset XY motor after 3 seconds 216–219 No Function 220–235 Reset effect motor after 3 seconds 236–239 No Function 240–255 Reset the entire light after 3 seconds