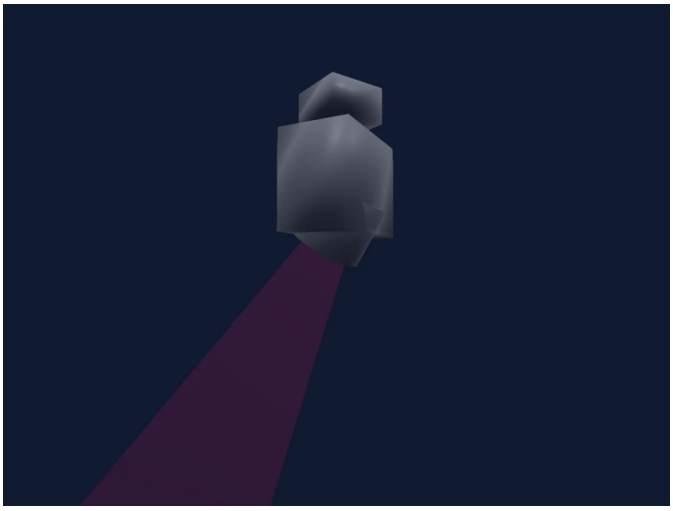
Lotus Light

Titan 650



Manufacturer	**Lotus Light**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**21, 25, 33 channels**
Beam angle	**5-45°**
Pan range	**540°**
Tilt range	**270°**
Heads / cells	**2**
Size (W × H × D)	**120 × 100 × 120 mm**
GDTF fixture type	**DA33D46C-67B8-41F6-8EEC-32…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pixel control · Movement speed · Animation wheel

Safety-relevant functions

Fixture reset · Strobe

DMX modes

21ch mode	21 ch
25ch mode	25 ch
33ch mode	33 ch

21ch mode

21 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Red Fine	255	Fine byte of Red
3	Green	255	
4	Green Fine	255	Fine byte of Green
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue
7	White	0	
8	White Fine	0	Fine byte of White
9	C TC	0	0–0 No function 1–255 CTC 2
10	Color Wheel	0	0–15 No function (wheel slot 1) 16–35 Wheel Slot 1 (wheel slot 2) 36–55 Wheel Slot 2 (wheel slot 3) 56–75 Wheel Slot 3 (wheel slot 4) 76–95 Wheel Slot 4 (wheel slot 5) 96–115 Wheel Slot 5 (wheel slot 6) 116–135 Wheel Slot 6 (wheel slot 7) 136–155 Wheel Slot 8 (wheel slot 8) 156–175 Wheel Slot 7 (wheel slot 9) 176–195 Wheel Slot 9 (wheel slot 10) 196–200 All colors (wheel slot 11) 201–205 2800K (wheel slot 12) 206–210 3200K (wheel slot 13) 211–215 4000K (wheel slot 14) 216–220 4500K (wheel slot 15) 221–225 5000K (wheel slot 16) 226–230 5600K (wheel slot 17) 231–235 6500K (wheel slot 18) 236–240 7000K (wheel slot 19) 241–245 7500K (wheel slot 20) 246–255 8000K (wheel slot 21)
11	Dimmer	0	0–254 Closed 255–255 Open
12	Dimmer Fine	0	Fine byte of Dimmer
13	Shutter / Strobe	0	0–3 Open 4–83 Slow strobo 84–204 Fast strobo 205–255 StrobeModeRandom 3
14	Pan	128	
15	Pan Fine	0	Fine byte of Pan
16	Tilt	128	
17	Tilt Fine	0	Fine byte of Tilt
18	Zoom	128	0–254 Narrow 255–255 Wide
19	Animation Wheel1Pos Rotate	0	0–155 o at 60 156–206 clockw rotat 207–255 counter clockw rotat
20	Dimmer Mode	0	0–49 mode 1 50–99 mode 2 100–149 mode 3 150–255 mode 4
21	Control1	0	0–250 no fuct 251–255 reset 5 sec

25ch mode

25 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	Zoom	128	0–254 Narrow 255–255 Wide
7	Lens Rotation	0	0–155 0 at 60 156–200 clockw rotat 201–255 counter clockw rotat
8	Dimmer	0	0–254 Closed 255–255 Open
9	Shutter / Strobe	0	0–3 Open 4–83 Slow strobo 84–204 Fast strobo 205–255 StrobeModeRandom 3
10	Red	255	
11	Green	255	
12	Blue	255	
13	White	0	
14	C TC	0	0–0 No function 1–255 CTC 2
15	Color Wheel	0	0–9 No function (wheel slot 1) 10–19 Wheel Slot 1 (wheel slot 2) 20–29 Wheel Slot 2 (wheel slot 3) 30–39 Wheel Slot 3 (wheel slot 4) 40–49 Wheel Slot 4 (wheel slot 5) 50–59 Wheel Slot 5 (wheel slot 6) 60–69 Wheel Slot 6 (wheel slot 7) 70–79 Wheel Slot 8 (wheel slot 8) 80–89 Wheel Slot 7 (wheel slot 9) 90–99 Wheel Slot 9 (wheel slot 10) 100–109 All colors (wheel slot 11) 110–119 2800K (wheel slot 12) 120–129 3200K (wheel slot 13) 130–139 4000K (wheel slot 14) 140–149 4500K (wheel slot 15) 150–159 5000K (wheel slot 16) 160–169 5600K (wheel slot 17) 170–179 6500K (wheel slot 18) 180–189 7000K (wheel slot 19) 190–199 7500K (wheel slot 20) 200–255 8000K (wheel slot 21)

25ch mode (continued)

Ch	Function	Default	DMX values
16	Effects1Pos Rotate	0	0–9 no fuct 10–19 Monochrome dynamic pattern 1 20–29 Monochrome dynamic pattern 2 30–39 Monochrome dynamic pattern 3 40–49 Monochrome dynamic pattern 4 50–59 Monochrome dynamic pattern 5 60–69 Monochrome dynamic pattern 6 70–79 Monochrome dynamic pattern 7 80–89 Monochrome dynamic pattern 8 90–99 Monochrome dynamic pattern 9 100–109 Monochrome dynamic pattern 10 110–119 Mixed color dynamic pattern 1 120–129 Mixed color dynamic pattern 2 130–139 Mixed color dynamic pattern 3 140–149 Mixed color dynamic pattern 4 150–159 Mixed color dynamic pattern 5 160–169 Mixed color dynamic pattern 6 170–255 Mixed color dynamic pattern 7
17	Effects1Fade	0	
18	Pattern Movement	0	
19	Pattern Effect Speed	0	0–9 no fuct 10–132 Forward 133–255 Reverse
20	Red	255	
21	Green	255	
22	Blue	255	
23	White	255	
24	Dimmer Mode	0	0–49 mode 1 50–99 mode 2 100–149 mode 3 150–255 mode 4
25	Control1	0	0–250 no fuct 251–255 reset 5 sec

33ch mode

33 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	Zoom	128	0–254 Narrow 255–255 Wide
7	Lens Rotation	0	0–155 0 at 60 156–200 clockw rotat 201–255 counter clockw rotat
8	Dimmer	0	0–254 Closed 255–255 Open
9	Dimmer Fine	0	Fine byte of Dimmer
10	Shutter / Strobe	0	0–3 Open 4–83 Slow strobo 84–204 Fast strobo 205–255 StrobeModeRandom 3

33ch mode (continued)

Ch	Function	Default	DMX values
11	Red	255	
12	Red Fine	255	Fine byte of Red
13	Green	255	
14	Green Fine	255	Fine byte of Green
15	Blue	255	
16	Blue Fine	255	Fine byte of Blue
17	White	255	
18	White Fine	255	Fine byte of White
19	Dimmer Mode	0	0–49 mode 1 50–99 mode 2 100–149 mode 3 150–255 mode 4
20	C TC	0	0–0 No function 1–255 CTC 2
21	Color Wheel	0	0–9 No function (wheel slot 1) 10–19 Wheel Slot 1 (wheel slot 2) 20–29 Wheel Slot 2 (wheel slot 3) 30–39 Wheel Slot 3 (wheel slot 4) 40–49 Wheel Slot 4 (wheel slot 5) 50–59 Wheel Slot 5 (wheel slot 6) 60–69 Wheel Slot 6 (wheel slot 7) 70–79 Wheel Slot 8 (wheel slot 8) 80–89 Wheel Slot 7 (wheel slot 9) 90–99 Wheel Slot 9 (wheel slot 10) 100–109 All colors (wheel slot 11) 110–119 2800K (wheel slot 12) 120–129 3200K (wheel slot 13) 130–139 4000K (wheel slot 14) 140–149 4500K (wheel slot 15) 150–159 5000K (wheel slot 16) 160–169 5600K (wheel slot 17) 170–179 6500K (wheel slot 18) 180–189 7000K (wheel slot 19) 190–199 7500K (wheel slot 20) 200–255 8000K (wheel slot 21)
22	Effects1Pos Rotate	0	0–9 no fuct 10–19 Monochrome dynamic pattern 1 20–29 Monochrome dynamic pattern 2 30–39 Monochrome dynamic pattern 3 40–49 Monochrome dynamic pattern 4 50–59 Monochrome dynamic pattern 5 60–69 Monochrome dynamic pattern 6 70–79 Monochrome dynamic pattern 7 80–89 Monochrome dynamic pattern 8 90–99 Monochrome dynamic pattern 9 100–109 Monochrome dynamic pattern 10 110–119 Mixed color dynamic pattern 1 120–129 Mixed color dynamic pattern 2 130–139 Mixed color dynamic pattern 3 140–149 Mixed color dynamic pattern 4 150–159 Mixed color dynamic pattern 5 160–169 Mixed color dynamic pattern 6 170–255 Mixed color dynamic pattern 7
23	Pattern Effect Fade	0	
24	Pattern Movement	0	

33ch mode (continued)

Ch	Function	Default	DMX values
25	Pattern Effect Speed	0	0–9 no fuct 10–132 Forward 133–255 Reverse
26	Color Effects1	0	
27	Dimm Background	0	
28	Dimm Background Fine	0	Fine byte of Dimm Background
29	Red	255	
30	Green	255	
31	Blue	255	
32	White	0	
33	Control1	0	0–250 no fuct 251–255 reset 5 sec