Prolights

JetProfile300LT



Manufacturer	**Prolights**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**38, 42 channels**
Beam angle	**3-52°**
Pan range	**540°**
Tilt range	**260°**
Size (W × H × D)	**288 × 429 × 286 mm**
GDTF fixture type	**CA11CD16-1079-4012-9BE8-42…**

Controls

Focus · Frost · Prism · Prism rotation · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset · Strobe

DMX modes

STANDARD	38 ch
EXTENDED	42 ch

STANDARD

38 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	255	0–1 Open 2–62 Strobe 63–64 Open 65–125 PulseInStrobe 126–127 Closed 128–188 PulseOutStrobe 189–190 Open 191–251 RandomStrobe 252–255 Open
8	Cyan	0	
9	Magenta	0	
10	Yellow	0	
11	C TO	0	
12	Color Wheel	0	0–15 Open (wheel slot 1) 16–46 Dark Red (wheel slot 2) 47–77 High Cri (wheel slot 3) 78–108 Lavander (wheel slot 4) 109–159 Cyan (wheel slot 5) 160–167 Open (wheel slot 1) 168–175 Dark Red (wheel slot 2) 176–183 Hi CRI (wheel slot 3) 184–191 Lavander (wheel slot 4) 192–199 Cyan (wheel slot 5) 200–200 CW Fast 201–223 CW Fast2Slow 224–224 CW Slow 225–230 Stop 231–231 CCW Slow 232–254 CCW Slow2Fast 255–255 CCW Fast
13	Color Wheel 2	0	0–15 Open (wheel slot 1) 16–46 Dark Blue (wheel slot 2) 47–77 Light Orange (wheel slot 3) 78–108 Light Green (wheel slot 4) 109–159 Magenta (wheel slot 5) 160–167 Open (wheel slot 1) 168–175 Dark Red (wheel slot 2) 176–183 Light Orange (wheel slot 3) 184–191 Light Green (wheel slot 4) 192–199 Magenta (wheel slot 5) 200–200 CW Fast 201–223 CW Fast2Slow 224–224 CW Slow 225–230 Stop 231–231 CCW Slow 232–254 CCW Slow2Fast 255–255 CCW Fast

STANDARD (continued)

Ch	Function	Default	DMX values
14	Gobo	0	0–11 Open (wheel slot 1) 12–19 Gobo 1 (wheel slot 2) 20–27 Gobo 2 (wheel slot 3) 28–35 Gobo 3 (wheel slot 4) 36–43 Gobo 4 (wheel slot 5) 44–51 Gobo 5 (wheel slot 6) 52–59 Gobo 6 (wheel slot 7) 60–67 Gobo 7 (wheel slot 8) 68–75 Gobo 1 (wheel slot 2) 76–83 Gobo 2 (wheel slot 3) 84–91 Gobo 3 (wheel slot 4) 92–99 Gobo 4 (wheel slot 5) 100–107 Gobo 5 (wheel slot 6) 108–115 Gobo 6 (wheel slot 7) 116–123 Gobo 7 (wheel slot 8) 124–133 Gobo 1 (wheel slot 2) 134–143 Gobo 2 (wheel slot 3) 144–153 Gobo 3 (wheel slot 4) 154–163 Gobo 4 (wheel slot 5) 164–173 Gobo 5 (wheel slot 6) 174–183 Gobo 6 (wheel slot 7) 184–193 Gobo 7 (wheel slot 8) 194–194 CW Fast 195–222 CW Fast2Slow 223–223 CW Slow 224–225 Spin Stop 226–226 CCW Slow 227–254 CCW Slow2Fast 255–255 CCW Fast
15	Gobo Rotation	128	0–0 Min 0 degrees 1–1 CW Fast 2–126 CW Fast2Slow 127–127 CW Slow 128–128 Mid 180 degrees 129–129 CCW Slow 130–254 CCW Slow2Fast 255–255 CCW Fast
16	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
17	Prism	0	0–29 Open (wheel slot 1) 30–59 Prism Index (wheel slot 2) 60–89 Prism Rot (wheel slot 2) 90–255 Reserved
18	Prism Rotation	128	0–0 Min 0 degrees 1–1 CW Fast 2–126 CW Fast2Slow 127–127 CW Slow 128–128 Mid 180 degrees 129–129 Max 360 degrees 130–254 CCW Slow2Fast 255–255 CCW Fast
19	Prism	0	0–29 Open (wheel slot 1) 30–59 Prism Index (wheel slot 2) 60–89 Prism Rot (wheel slot 2) 90–255 Reserved

STANDARD (continued)

Ch	Function	Default	DMX values
20	Prism Rotation	128	0–0 Min 0 degrees 1–1 CW Fast 2–126 CW Fast2Slow 127–127 CW Slow 128–128 Mid 180 degrees 129–129 Max 360 degrees 130–254 CCW Slow2Fast 255–255 CCW Fast
21	Frost1	0	
22	Zoom	127	
23	Zoom Fine	255	Fine byte of Zoom
24	Focus	127	
25	Focus Fine	255	Fine byte of Focus
26	Animation System1	0	0–0 Open (wheel slot 1) 1–255 Animation (wheel slot 2)
27	Animation System1Pos	0	0–62 Min 0 Degrees (wheel slot 2) 63–126 Mid 180 Degrees (wheel slot 2) 127–127 Max 360 Degrees (wheel slot 2) 128–128 CW Fast 129–189 CW Fast2Slow 190–190 CW Fast 191–192 Stop 193–193 CCW Slow 194–254 CCW Slow2Fast 255–255 CCW Fast
28	Blade1A	0	0–254 Out 255–255 In
29	Blade1Rot	128	0–127 From -30 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +30
30	Blade2A	0	0–254 Out 255–255 In
31	Blade2Rot	128	0–127 From -30 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +30
32	Blade3A	0	0–254 Out 255–255 In
33	Blade3Rot	128	0–127 From -30 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +30
34	Blade4A	0	0–254 Out 255–255 In
35	Blade4Rot	128	0–127 From -30 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +30
36	Shaper Rot	128	0–127 Left to Center 128–128 Center 129–255 Center To Right
37	Focus Mode	0	0–49 OFF 50–59 ON - Priority GOBO WHL 60–69 Reserved 70–79 ON - Priority BLADES 80–89 Reserved 90–99 ON - Priority ANIMATION 100–109 ON - Priority OPEN 110–255 Reserved

STANDARD (continued)

Ch	Function	Default	DMX values
38	Control1	0	

EXTENDED

42 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	255	0–1 Open 2–62 Strobe 63–64 Open 65–125 PulseInStrobe 126–127 Closed 128–188 PulseOutStrobe 189–190 Open 191–251 RandomStrobe 252–255 Open
8	Cyan	0	
9	Magenta	0	
10	Yellow	0	
11	C TO	0	
12	Color Wheel	0	0–15 Open (wheel slot 1) 16–46 Dark Red (wheel slot 2) 47–77 High Cri (wheel slot 3) 78–108 Lavander (wheel slot 4) 109–159 Cyan (wheel slot 5) 160–167 Open (wheel slot 1) 168–175 Dark Red (wheel slot 2) 176–183 Hi CRI (wheel slot 3) 184–191 Lavander (wheel slot 4) 192–199 Cyan (wheel slot 5) 200–200 CW Fast 201–223 CW Fast2Slow 224–224 CW Slow 225–230 Stop 231–231 CCW Slow 232–254 CCW Slow2Fast 255–255 CCW Fast
13	Color Wheel Fine	0	Fine byte of Color Wheel

EXTENDED (continued)

Ch	Function	Default	DMX values
14	Color Wheel 2	0	0–15 Open (wheel slot 1) 16–46 Dark Blue (wheel slot 2) 47–77 Light Orange (wheel slot 3) 78–108 Light Green (wheel slot 4) 109–159 Magenta (wheel slot 5) 160–167 Open (wheel slot 1) 168–175 Dark Red (wheel slot 2) 176–183 Light Orange (wheel slot 3) 184–191 Light Green (wheel slot 4) 192–199 Magenta (wheel slot 5) 200–200 CW Fast 201–223 CW Fast2Slow 224–224 CW Slow 225–230 Stop 231–231 CCW Slow 232–254 CCW Slow2Fast 255–255 CCW Fast
15	Color Wheel 2 Fine	0	Fine byte of Color Wheel 2
16	Gobo	0	0–11 Open (wheel slot 1) 12–19 Gobo 1 (wheel slot 2) 20–27 Gobo 2 (wheel slot 3) 28–35 Gobo 3 (wheel slot 4) 36–43 Gobo 4 (wheel slot 5) 44–51 Gobo 5 (wheel slot 6) 52–59 Gobo 6 (wheel slot 7) 60–67 Gobo 7 (wheel slot 8) 68–75 Gobo 1 (wheel slot 2) 76–83 Gobo 2 (wheel slot 3) 84–91 Gobo 3 (wheel slot 4) 92–99 Gobo 4 (wheel slot 5) 100–107 Gobo 5 (wheel slot 6) 108–115 Gobo 6 (wheel slot 7) 116–123 Gobo 7 (wheel slot 8) 124–133 Gobo 1 (wheel slot 2) 134–143 Gobo 2 (wheel slot 3) 144–153 Gobo 3 (wheel slot 4) 154–163 Gobo 4 (wheel slot 5) 164–173 Gobo 5 (wheel slot 6) 174–183 Gobo 6 (wheel slot 7) 184–193 Gobo 7 (wheel slot 8) 194–194 CW Fast 195–222 CW Fast2Slow 223–223 CW Slow 224–225 Spin Stop 226–226 CCW Slow 227–254 CCW Slow2Fast 255–255 CCW Fast
17	Gobo Rotation	128	0–0 Min 0 degrees 1–1 CW Fast 2–126 CW Fast2Slow 127–127 CW Slow 128–128 Mid 180 degrees 129–129 CCW Slow 130–254 CCW Slow2Fast 255–255 CCW Fast
18	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
19	Prism	0	0–29 Open (wheel slot 1) 30–59 Prism Index (wheel slot 2) 60–89 Prism Rot (wheel slot 2) 90–255 Reserved

EXTENDED (continued)

Ch	Function	Default	DMX values
20	Prism Rotation	128	0–0 Min 0 degrees 1–1 CW Fast 2–126 CW Fast2Slow 127–127 CW Slow 128–128 Mid 180 degrees 129–129 Max 360 degrees 130–254 CCW Slow2Fast 255–255 CCW Fast
21	Prism	0	0–29 Open (wheel slot 1) 30–59 Prism Index (wheel slot 2) 60–89 Prism Rot (wheel slot 2) 90–255 Reserved
22	Prism Rotation	128	0–0 Min 0 degrees 1–1 CW Fast 2–126 CW Fast2Slow 127–127 CW Slow 128–128 Mid 180 degrees 129–129 Max 360 degrees 130–254 CCW Slow2Fast 255–255 CCW Fast
23	Frost1	0	
24	Zoom	127	
25	Zoom Fine	255	Fine byte of Zoom
26	Focus	127	
27	Focus Fine	255	Fine byte of Focus
28	Animation System1	0	0–0 Open (wheel slot 1) 1–255 Animation (wheel slot 2)
29	Animation System1Pos	0	0–62 Min 0 Degrees (wheel slot 2) 63–126 Mid 180 Degrees (wheel slot 2) 127–127 Max 360 Degrees (wheel slot 2) 128–128 CW Fast 129–189 CW Fast2Slow 190–190 CW Fast 191–192 Stop 193–193 CCW Slow 194–254 CCW Slow2Fast 255–255 CCW Fast
30	Blade1A	0	0–254 Out 255–255 In
31	Blade1Rot	128	0–127 From -30 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +30
32	Blade2A	0	0–254 Out 255–255 In
33	Blade2Rot	128	0–127 From -30 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +30
34	Blade3A	0	0–254 Out 255–255 In
35	Blade3Rot	128	0–127 From -30 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +30
36	Blade4A	0	0–254 Out 255–255 In

EXTENDED (continued)

Ch	Function	Default	DMX values
37	Blade4Rot	128	0–127 From -30 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +30
38	Shaper Rot	128	0–127 Left to Center 128–128 Center 129–255 Center To Right
39	Shaper Macros	0	0–3 NoFeature 4–10 1 11–17 2 18–24 3 25–31 4 32–38 5 39–45 6 46–52 7 53–59 8 60–66 9 67–73 10 74–80 11 81–87 12 88–94 13 95–101 14 102–108 15 109–115 16 116–122 17 123–129 18 130–136 19 137–143 20 144–150 21 151–157 22 158–164 23 165–171 24 172–178 25 179–185 26 186–192 27 193–199 28 200–206 29 207–213 30 214–220 31 221–227 32 228–234 33 235–241 34 242–248 35 249–255 36
40	Shaper Macros Speed	0	0–254 Slow 255–255 Fast
41	Focus Mode	0	0–49 OFF 50–59 ON - Priority GOBO WHL 60–69 Reserved 70–79 ON - Priority BLADES 80–89 Reserved 90–99 ON - Priority ANIMATION 100–109 ON - Priority OPEN 110–255 Reserved
42	Control1	0	