ACME

ACME SANA PROFILE (XA 300 BSWF IP)



Manufacturer	**ACME**
Type	**Profile spot**
DMX modes	**4**
DMX footprint	**27, 36, 45 channels**
Beam angle	**3.5-20°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**243 × 420 × 230 mm**
GDTF fixture type	**C6EBF088-74F2-4818-9506-E45…**

Controls

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

Safety-relevant functions

Fixture reset · Strobe

DMX modes

Mode 3 27CH (Wash)	27 ch
Mode 2 36CH (F-Wash)	36 ch
Mode 4 36CH (Spot)	36 ch
Mode 1 45CH (Framing)	45 ch

Mode 3 27CH (Wash)

27 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Pan Rotate	0	0–0 Open 1–127 Pan Position 128–133 CCW 100% 134–139 CCW 90% 140–145 CCW 80% 146–151 CCW 70% 152–157 CCW 60% 158–163 CCW 50% 164–169 CCW 40% 170–175 CCW 30% 176–181 CCW 20% 182–188 CCW 10% 189–189 CCW 1% 190–193 Stop 194–200 CW 1% 201–206 CW 10% 207–212 CW 20% 213–218 CW 30% 219–224 CW 40% 225–230 CW 50% 231–236 CW 60% 237–242 CW 70% 243–248 CW 80% 249–254 CW 90% 255–255 CW 100%
6	Tilt Rotate	0	0–0 Open 1–127 Tilt Position 128–133 CW 100% 134–139 CW 90% 140–145 CW 80% 146–151 CW 70% 152–157 CW 60% 158–163 CW 50% 164–169 CW 40% 170–175 CW 30% 176–181 CW 20% 182–188 CW 10% 189–189 CW 1% 190–193 Stop 194–200 CCW 1% 201–206 CCW 10% 207–212 CCW 20% 213–218 CCW 30% 219–224 CCW 40% 225–230 CCW 50% 231–236 CCW 60% 237–242 CCW 70% 243–248 CCW 80% 249–254 CCW 90% 255–255 CCW 100%
7	Position MSpeed	0	
8	Cyan	0	
9	Cyan Fine	0	Fine byte of Cyan
10	Magenta	0	
11	Magenta Fine	0	Fine byte of Magenta

Mode 3 27CH (Wash) (continued)

Ch	Function	Default	DMX values
12	Yellow	0	
13	Yellow Fine	0	Fine byte of Yellow
14	C TO	0	
15	Color Wheel	0	0–7 Open (wheel slot 1) 8–18 Color 1 (wheel slot 2) 19–29 Color 2 (wheel slot 3) 30–40 Color 3 (wheel slot 4) 41–51 Color 4 (wheel slot 5) 52–63 Color 5 (wheel slot 6) 64–127 Color Index 128–157 <<< 158–188 << 189–189 < 190–193 Stop 194–224 > 225–254 >> 255–255 >>>
16	Iris	0	
17	C RI	0	0–7 Close 8–255 Open
18	Frost1	0	
19	Frost2	0	
20	Zoom	128	
21	Zoom Fine	128	Fine byte of Zoom
22	Focus	217	
23	Focus Fine	153	Fine byte of Focus
24	Shutter / Strobe	12	0–7 Closed 8–15 Open 16–130 min Strobe 131–131 max Strobe 132–139 Open 2 140–180 min Pulse Open 181–181 max Pulse Open 182–189 Open 3 190–230 min Pulse Close 231–231 max Pulse Close 232–239 Open 4 240–246 min Strobe Ran 247–247 max Strobe Ran 248–255 Open 5
25	Dimmer	0	
26	Dimmer Fine	0	Fine byte of Dimmer

Mode 3 27CH (Wash) (continued)

Ch	Function	Default	DMX values
27	Function	0	0–29 No Function 30–39 Dim Square Law 40–49 Dim Inv Square Law 50–59 Dim Curve Linear 60–69 Dim Curve S 70–79 Standard 80–89 Quiet 90–99 Theatre 100–109 Enable 110–119 Disable 120–122 No Function 2 123–123 900HZ 124–124 1000HZ 125–125 1100HZ 126–126 1200HZ 127–127 1300HZ 128–128 1400HZ 129–129 1500HZ 130–130 2500HZ 131–131 4000HZ 132–132 5000HZ 133–133 6000HZ 134–134 10KHZ 135–135 15KHZ 136–136 20KHZ 137–137 25KHZ 138–139 No Function 3 140–149 PT Reset 150–159 Eff Reset 160–171 No Function 4 172–173 Disable 174–175 Near(10m) 176–177 Medium(20m) 178–179 Far(30m) 180–181 ON 182–183 OFF 184–199 No Function 5 200–209 Reset all 210–219 Fast 220–229 Smoot 230–231 Gobo Short Cut: Enable 232–233 Gobo Short Cut: Disable 234–235 Color Short Cut: Enable 236–237 Color Short Cut: Disable 238–239 CTB Comp Enable 240–241 CTB Comp Disable 242–255 No Function 6

Mode 2 36CH (F-Wash)

36 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt

Mode 2 36CH (F-Wash) (continued)

Ch	Function	Default	DMX values
5	Pan Rotate	0	0–0 Open 1–127 Pan Position 128–133 CCW 100% 134–139 CCW 90% 140–145 CCW 80% 146–151 CCW 70% 152–157 CCW 60% 158–163 CCW 50% 164–169 CCW 40% 170–175 CCW 30% 176–181 CCW 20% 182–188 CCW 10% 189–189 CCW 1% 190–193 Stop 194–200 CW 1% 201–206 CW 10% 207–212 CW 20% 213–218 CW 30% 219–224 CW 40% 225–230 CW 50% 231–236 CW 60% 237–242 CW 70% 243–248 CW 80% 249–254 CW 90% 255–255 CW 100%
6	Tilt Rotate	0	0–0 Open 1–127 Tilt Position 128–133 CW 100% 134–139 CW 90% 140–145 CW 80% 146–151 CW 70% 152–157 CW 60% 158–163 CW 50% 164–169 CW 40% 170–175 CW 30% 176–181 CW 20% 182–188 CW 10% 189–189 CW 1% 190–193 Stop 194–200 CCW 1% 201–206 CCW 10% 207–212 CCW 20% 213–218 CCW 30% 219–224 CCW 40% 225–230 CCW 50% 231–236 CCW 60% 237–242 CCW 70% 243–248 CCW 80% 249–254 CCW 90% 255–255 CCW 100%
7	Position MSpeed	0	
8	Cyan	0	
9	Cyan Fine	0	Fine byte of Cyan
10	Magenta	0	
11	Magenta Fine	0	Fine byte of Magenta
12	Yellow	0	
13	Yellow Fine	0	Fine byte of Yellow
14	C TO	0	

Mode 2 36CH (F-Wash) (continued)

Ch	Function	Default	DMX values
15	Color Wheel	0	0–7 Open (wheel slot 1) 8–18 Color 1 (wheel slot 2) 19–29 Color 2 (wheel slot 3) 30–40 Color 3 (wheel slot 4) 41–51 Color 4 (wheel slot 5) 52–63 Color 5 (wheel slot 6) 64–127 Color Index 128–157 <<< 158–188 << 189–189 < 190–193 Stop 194–224 > 225–254 >> 255–255 >>>
16	Iris	0	
17	C RI	0	0–7 Close 8–255 Open
18	Frost1	0	
19	Frost2	0	
20	Zoom	128	
21	Zoom Fine	128	Fine byte of Zoom
22	Focus	217	
23	Focus Fine	153	Fine byte of Focus
24	Shutter / Strobe	12	0–7 Closed 8–15 Open 16–130 min Strobe 131–131 max Strobe 132–139 Open 2 140–180 min Pulse Open 181–181 max Pulse Open 182–189 Open 3 190–230 min Pulse Close 231–231 max Pulse Close 232–239 Open 4 240–246 min Strobe Ran 247–247 max Strobe Ran 248–255 Open 5
25	Dimmer	0	
26	Dimmer Fine	0	Fine byte of Dimmer
27	Shaper Rot	128	
28	Blade1B	0	
29	Blade1A	0	
30	Blade3A	0	
31	Blade3B	0	
32	Blade2A	0	
33	Blade2B	0	
34	Blade4A	0	
35	Blade4B	0	

Mode 2 36CH (F-Wash) (continued)

Ch	Function	Default	DMX values
36	Function	0	0–9 No Function 10–19 Blade Mode 1 20–29 Blade Mode 2 30–39 Dim Square Law 40–49 Dim Inv Square Law 50–59 Dim Curve Linear 60–69 Dim Curve S 70–79 Standard 80–89 Quiet 90–99 Theatre 100–109 Enable 110–119 Disable 120–122 No Function 2 123–123 900HZ 124–124 1000HZ 125–125 1100HZ 126–126 1200HZ 127–127 1300HZ 128–128 1400HZ 129–129 1500HZ 130–130 2500HZ 131–131 4000HZ 132–132 5000HZ 133–133 6000HZ 134–134 10KHZ 135–135 15KHZ 136–136 20KHZ 137–137 25KHZ 138–139 No Function 3 140–149 PT Reset 150–159 Eff Reset 160–171 No Function 4 172–173 Disable 174–175 Near(10m) 176–177 Medium(20m) 178–179 Far(30m) 180–181 ON 182–183 OFF 184–199 No Function 5 200–209 Reset all 210–219 Fast 220–229 Smoot 230–233 No Function 6 234–235 Color Short Cut: Enable 236–237 Color Short Cut: Disable 238–239 CTB Comp Enable 240–241 CTB Comp Disable 242–255 No Function 7

Mode 4 36CH (Spot)

36 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt

Mode 4 36CH (Spot) (continued)

Ch	Function	Default	DMX values
5	Pan Rotate	0	0–0 Open 1–127 Pan Position 128–133 CCW 100% 134–139 CCW 90% 140–145 CCW 80% 146–151 CCW 70% 152–157 CCW 60% 158–163 CCW 50% 164–169 CCW 40% 170–175 CCW 30% 176–181 CCW 20% 182–188 CCW 10% 189–189 CCW 1% 190–193 Stop 194–200 CW 1% 201–206 CW 10% 207–212 CW 20% 213–218 CW 30% 219–224 CW 40% 225–230 CW 50% 231–236 CW 60% 237–242 CW 70% 243–248 CW 80% 249–254 CW 90% 255–255 CW 100%
6	Tilt Rotate	0	0–0 Open 1–127 Tilt Position 128–133 CW 100% 134–139 CW 90% 140–145 CW 80% 146–151 CW 70% 152–157 CW 60% 158–163 CW 50% 164–169 CW 40% 170–175 CW 30% 176–181 CW 20% 182–188 CW 10% 189–189 CW 1% 190–193 Stop 194–200 CCW 1% 201–206 CCW 10% 207–212 CCW 20% 213–218 CCW 30% 219–224 CCW 40% 225–230 CCW 50% 231–236 CCW 60% 237–242 CCW 70% 243–248 CCW 80% 249–254 CCW 90% 255–255 CCW 100%
7	Position MSpeed	0	
8	Cyan	0	
9	Cyan Fine	0	Fine byte of Cyan
10	Magenta	0	
11	Magenta Fine	0	Fine byte of Magenta
12	Yellow	0	
13	Yellow Fine	0	Fine byte of Yellow
14	C TO	0	

Mode 4 36CH (Spot) (continued)

Ch	Function	Default	DMX values
15	Color Wheel	0	0–7 Open (wheel slot 1) 8–18 Color 1 (wheel slot 2) 19–29 Color 2 (wheel slot 3) 30–40 Color 3 (wheel slot 4) 41–51 Color 4 (wheel slot 5) 52–63 Color 5 (wheel slot 6) 64–127 Color Index 128–157 <<< 158–188 << 189–189 < 190–193 Stop 194–224 > 225–254 >> 255–255 >>>
16	Gobo	0	0–7 Open (wheel slot 1) 8–15 Gobo 1 (wheel slot 2) 16–23 Gobo 2 (wheel slot 3) 24–31 Gobo 3 (wheel slot 4) 32–39 Gobo 4 (wheel slot 5) 40–47 Gobo 5 (wheel slot 6) 48–55 Gobo 6 (wheel slot 7) 56–63 Gobo 7 (wheel slot 8) 64–72 Gobo 1 Shake (wheel slot 2) 73–81 Gobo 2 Shake (wheel slot 3) 82–90 Gobo 3 Shake (wheel slot 4) 91–99 Gobo 4 Shake (wheel slot 5) 100–108 Gobo 5 Shake (wheel slot 6) 109–117 Gobo 6 Shake (wheel slot 7) 118–127 Gobo 7 Shake (wheel slot 8) 128–157 <<< 158–188 << 189–189 < 190–193 Stop 194–224 > 225–254 >> 255–255 >>>
17	Gobo Rotation	0	0–127 Gobo1 Index 128–158 <<< 159–188 << 189–189 < 190–193 Stop 194–223 > 224–254 >> 255–255 >>>
18	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Mode 4 36CH (Spot) (continued)

Ch	Function	Default	DMX values
19	Gobo 2	0	0–7 Open (wheel slot 1) 8–13 Gobo 1 (wheel slot 2) 14–19 Gobo 2 (wheel slot 3) 20–25 Gobo 3 (wheel slot 4) 26–31 Gobo 4 (wheel slot 5) 32–37 Gobo 5 (wheel slot 6) 38–43 Gobo 6 (wheel slot 7) 44–49 Gobo 7 (wheel slot 8) 50–55 Gobo 8 (wheel slot 9) 56–63 Gobo 9 (wheel slot 10) 64–70 Gobo 1 Shake (wheel slot 2) 71–77 Gobo 2 Shake (wheel slot 3) 78–84 Gobo 3 Shake (wheel slot 4) 85–91 Gobo 4 Shake (wheel slot 5) 92–98 Gobo 5 Shake (wheel slot 6) 99–105 Gobo 6 Shake (wheel slot 7) 106–112 Gobo 7 Shake (wheel slot 8) 113–119 Gobo 8 Shake (wheel slot 9) 120–127 Gobo 9 Shake (wheel slot 10) 128–157 << 158–188 < 189–189 < 190–193 Stop 194–224 > 225–254 >> 255–255 >>>
20	Animation Wheel1	0	0–7 Open 8–68 << 69–128 < 129–129 < 130–133 Stop 134–194 > 195–254 >> 255–255 >>>
21	Iris	0	
22	Prism	0	0–7 Close (wheel slot 1) 8–255 Prism 8 (wheel slot 2)
23	Prism Rotation	0	0–127 Index 128–158 >>> 159–188 >> 189–189 > 190–193 Stop 194–224 < 225–254 << 255–255 <<<
24	Prism	0	0–7 Close (wheel slot 1) 8–255 Prism 16 (wheel slot 2)
25	Prism Rotation	0	0–127 Index 128–158 >>> 159–188 >> 189–189 > 190–193 Stop 194–224 < 225–254 << 255–255 <<<
26	C RI	0	0–7 Close 8–255 Open
27	Frost1	0	
28	Frost2	0	

Mode 4 36CH (Spot) (continued)

Ch	Function	Default	DMX values
29	Zoom	128	
30	Zoom Fine	128	Fine byte of Zoom
31	Focus	217	
32	Focus Fine	153	Fine byte of Focus
33	Shutter / Strobe	12	0–7 Closed 8–15 Open 16–130 min Strobe 131–131 max Strobe 132–139 Open 2 140–180 min Pulse Open 181–181 max Pulse Open 182–189 Open 3 190–230 min Pulse Close 231–231 max Pulse Close 232–239 Open 4 240–246 min Strobe Ran 247–247 max Strobe Ran 248–255 Open 5
34	Dimmer	0	
35	Dimmer Fine	0	Fine byte of Dimmer

Mode 4 36CH (Spot) (continued)

Ch	Function	Default	DMX values
36	Function	0	0–29 No Function 30–39 Dim Square Law 40–49 Dim Inv Square Law 50–59 Dim Curve Linear 60–69 Dim Curve S 70–79 Standard 80–89 Quiet 90–99 Theatre 100–109 Enable 110–119 Disable 120–122 No Function 2 123–123 900HZ 124–124 1000HZ 125–125 1100HZ 126–126 1200HZ 127–127 1300HZ 128–128 1400HZ 129–129 1500HZ 130–130 2500HZ 131–131 4000HZ 132–132 5000HZ 133–133 6000HZ 134–134 10KHZ 135–135 15KHZ 136–136 20KHZ 137–137 25KHZ 138–139 No Function 3 140–149 PT Reset 150–159 Eff Reset 160–171 No Function 4 172–173 Disable 174–175 Near(10m) 176–177 Medium(20m) 178–179 Far(30m) 180–181 ON 182–183 OFF 184–199 No Function 5 200–209 Reset all 210–219 Fast 220–229 Smoot 230–231 Gobo Short Cut: Enable 232–233 Gobo Short Cut: Disable 234–235 Color Short Cut: Enable 236–237 Color Short Cut: Disable 238–239 CTB Comp Enable 240–241 CTB Comp Disable 242–255 No Function 6

Mode 1 45CH (Framing)

45 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt

Mode 1 45CH (Framing) (continued)

Ch	Function	Default	DMX values
5	Pan Rotate	0	0–0 Open 1–127 Pan Position 128–133 CCW 100% 134–139 CCW 90% 140–145 CCW 80% 146–151 CCW 70% 152–157 CCW 60% 158–163 CCW 50% 164–169 CCW 40% 170–175 CCW 30% 176–181 CCW 20% 182–188 CCW 10% 189–189 CCW 1% 190–193 Stop 194–200 CW 1% 201–206 CW 10% 207–212 CW 20% 213–218 CW 30% 219–224 CW 40% 225–230 CW 50% 231–236 CW 60% 237–242 CW 70% 243–248 CW 80% 249–254 CW 90% 255–255 CW 100%
6	Tilt Rotate	0	0–0 Open 1–127 Tilt Position 128–133 CW 100% 134–139 CW 90% 140–145 CW 80% 146–151 CW 70% 152–157 CW 60% 158–163 CW 50% 164–169 CW 40% 170–175 CW 30% 176–181 CW 20% 182–188 CW 10% 189–189 CW 1% 190–193 Stop 194–200 CCW 1% 201–206 CCW 10% 207–212 CCW 20% 213–218 CCW 30% 219–224 CCW 40% 225–230 CCW 50% 231–236 CCW 60% 237–242 CCW 70% 243–248 CCW 80% 249–254 CCW 90% 255–255 CCW 100%
7	Position MSpeed	0	
8	Cyan	0	
9	Cyan Fine	0	Fine byte of Cyan
10	Magenta	0	
11	Magenta Fine	0	Fine byte of Magenta
12	Yellow	0	
13	Yellow Fine	0	Fine byte of Yellow
14	C TO	0	

Mode 1 45CH (Framing) (continued)

Ch	Function	Default	DMX values
15	Color Wheel	0	0–7 Open (wheel slot 1) 8–18 Color 1 (wheel slot 2) 19–29 Color 2 (wheel slot 3) 30–40 Color 3 (wheel slot 4) 41–51 Color 4 (wheel slot 5) 52–63 Color 5 (wheel slot 6) 64–127 Color Index 128–157 <<< 158–188 << 189–189 < 190–193 Stop 194–224 > 225–254 >> 255–255 >>>
16	Gobo	0	0–7 Open (wheel slot 1) 8–15 Gobo 1 (wheel slot 2) 16–23 Gobo 2 (wheel slot 3) 24–31 Gobo 3 (wheel slot 4) 32–39 Gobo 4 (wheel slot 5) 40–47 Gobo 5 (wheel slot 6) 48–55 Gobo 6 (wheel slot 7) 56–63 Gobo 7 (wheel slot 8) 64–72 Gobo 1 Shake (wheel slot 2) 73–81 Gobo 2 Shake (wheel slot 3) 82–90 Gobo 3 Shake (wheel slot 4) 91–99 Gobo 4 Shake (wheel slot 5) 100–108 Gobo 5 Shake (wheel slot 6) 109–117 Gobo 6 Shake (wheel slot 7) 118–127 Gobo 7 Shake (wheel slot 8) 128–157 <<< 158–188 << 189–189 < 190–193 Stop 194–224 > 225–254 >> 255–255 >>>
17	Gobo Rotation	0	0–127 Gobo1 Index 128–158 <<< 159–188 << 189–189 < 190–193 Stop 194–223 > 224–254 >> 255–255 >>>
18	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Mode 1 45CH (Framing) (continued)

Ch	Function	Default	DMX values
19	Gobo 2	0	0–7 Open (wheel slot 1) 8–13 Gobo 1 (wheel slot 2) 14–19 Gobo 2 (wheel slot 3) 20–25 Gobo 3 (wheel slot 4) 26–31 Gobo 4 (wheel slot 5) 32–37 Gobo 5 (wheel slot 6) 38–43 Gobo 6 (wheel slot 7) 44–49 Gobo 7 (wheel slot 8) 50–55 Gobo 8 (wheel slot 9) 56–63 Gobo 9 (wheel slot 10) 64–70 Gobo 1 Shake (wheel slot 2) 71–77 Gobo 2 Shake (wheel slot 3) 78–84 Gobo 3 Shake (wheel slot 4) 85–91 Gobo 4 Shake (wheel slot 5) 92–98 Gobo 5 Shake (wheel slot 6) 99–105 Gobo 6 Shake (wheel slot 7) 106–112 Gobo 7 Shake (wheel slot 8) 113–119 Gobo 8 Shake (wheel slot 9) 120–127 Gobo 9 Shake (wheel slot 10) 128–157 << 158–188 << 189–189 < 190–193 Stop 194–224 > 225–254 >> 255–255 >>>
20	Animation Wheel1	0	0–7 Open 8–68 << 69–128 << 129–129 < 130–133 Stop 134–194 > 195–254 >> 255–255 >>>
21	Iris	0	
22	Prism	0	0–7 Close (wheel slot 1) 8–255 Prism 8 (wheel slot 2)
23	Prism Rotation	0	0–127 Index 128–158 >>> 159–188 >> 189–189 > 190–193 Stop 194–224 < 225–254 << 255–255 <<<
24	Prism	0	0–7 Close (wheel slot 1) 8–255 Prism 16 (wheel slot 2)
25	Prism Rotation	0	0–127 Index 128–158 >>> 159–188 >> 189–189 > 190–193 Stop 194–224 < 225–254 << 255–255 <<<
26	C RI	0	0–7 Close 8–255 Open
27	Frost1	0	
28	Frost2	0	

Mode 1 45CH (Framing) (continued)

Ch	Function	Default	DMX values
29	Zoom	128	
30	Zoom Fine	128	Fine byte of Zoom
31	Focus	217	
32	Focus Fine	153	Fine byte of Focus
33	Shutter / Strobe	12	0–7 Closed 8–15 Open 16–130 min Strobe 131–131 max Strobe 132–139 Open 2 140–180 min Pulse Open 181–181 max Pulse Open 182–189 Open 3 190–230 min Pulse Close 231–231 max Pulse Close 232–239 Open 4 240–246 min Strobe Ran 247–247 max Strobe Ran 248–255 Open 5
34	Dimmer	0	
35	Dimmer Fine	0	Fine byte of Dimmer
36	Shaper Rot	128	
37	Blade1B	0	
38	Blade1A	0	
39	Blade3A	0	
40	Blade3B	0	
41	Blade2A	0	
42	Blade2B	0	
43	Blade4A	0	
44	Blade4B	0	
45	Function	0	