Eagle Lite

Falcon 270Z



Manufacturer	**Eagle Lite**
Type	**Effect light**
DMX modes	**9**
DMX footprint	**3, 4, 5, 7, 16, 22, 34 channels**
Beam angle	**7-58°**
Heads / cells	**5**
Size (W × H × D)	**389 × 247 × 145 mm**
GDTF fixture type	**BCAD7D37-8331-422A-8F44-FB…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour wheel · Strobe · Dimmer · Pixel control

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

3 CH Mode	3 ch
4 CH MODE 1	4 ch
4 CH MODE 2	4 ch
5 CH MODE	5 ch
7 CH MODE	7 ch
16 CH MODE 1	16 ch
16 CH MODE 2	16 ch
22 CH MODE	22 ch
34 CH MODE	34 ch

3 CH Mode

3 channels

Ch	Function	Default	DMX values
1	Zoom	128	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
2	Dimmer	0	2–62 Min 63–126 25% 127–190 50% 191–254 75 255–255 Max
3	Color Wheel	0	0–5 Colour Off (wheel slot 1) 6–13 Red (wheel slot 2) 14–21 Amber (wheel slot 3) 22–29 Yellow Amber (wheel slot 4) 30–37 Yellow (wheel slot 5) 38–45 Green (wheel slot 6) 46–53 Turquoise (wheel slot 7) 54–61 Cyan (wheel slot 8) 62–69 Blue (wheel slot 9) 70–77 Lavender (wheel slot 10) 78–85 Mallow (wheel slot 11) 86–93 Magenta (wheel slot 12) 94–101 Pink (wheel slot 13) 102–109 Warm White 3200K (wheel slot 14) 110–117 White 5600K (wheel slot 15) 118–125 Cold White 7200K (wheel slot 16) 126–127 No Function 128–191 Colour jumping 192–255 Colour fading

4 CH MODE 1

4 channels

Ch	Function	Default	DMX values
1	Zoom	128	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
2	Dimmer	0	0–254 Closed 255–255 Open
3	Shutter / Strobe	0	0–5 Open 6–10 Close 25–126 10% Strobe 127–249 50% Strobe 250–250 100% Strobe 251–255 Open

4 CH MODE 1 (continued)

Ch	Function	Default	DMX values
4	Color Wheel	0	0–5 Colour Off (wheel slot 1) 6–13 Red (wheel slot 2) 14–21 Amber (wheel slot 3) 22–29 Yellow Amber (wheel slot 4) 30–37 Yellow (wheel slot 5) 38–45 Green (wheel slot 6) 46–53 Turquoise (wheel slot 7) 54–61 Cyan (wheel slot 8) 62–69 Blue (wheel slot 9) 70–77 Lavender (wheel slot 10) 78–85 Mallow (wheel slot 11) 86–93 Magenta (wheel slot 12) 94–101 Pink (wheel slot 13) 102–109 Warm White 3200K (wheel slot 14) 110–117 White 5600K (wheel slot 15) 118–125 Cold White 7200K (wheel slot 16) 126–127 No Function 128–191 Colour jumping 192–255 Colour fading

4 CH MODE 2

4 channels

Ch	Function	Default	DMX values
1	Zoom	128	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
2	Red	255	
3	Green	255	
4	Blue	255	

5 CH MODE

5 channels

Ch	Function	Default	DMX values
1	Zoom	128	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
2	Red	255	
3	Green	255	
4	Blue	255	
5	White	0	

7 CH MODE

7 channels

Ch	Function	Default	DMX values
1	Zoom	128	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max

7 CH MODE (continued)

Ch	Function	Default	DMX values
2	Dimmer	0	3–63 Min 64–127 25% 128–190 50% 191–254 75% 255–255 Max
3	Shutter / Strobe	0	0–5 Open 6–10 Close 25–126 10% Strobe 127–249 50% Strobe 250–250 100% Strobe 251–255 Open
4	Red	255	
5	Green	255	
6	Blue	255	
7	White	0	

16 CH MODE 1

16 channels

Ch	Function	Default	DMX values
1	Zoom	128	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
2	Dimmer	0	0–254 Closed 255–255 Open
3	Dimmer Fine	0	Fine byte of Dimmer
4	Shutter / Strobe	0	0–5 Open 6–10 Closed 11–33 Random Pulse effect 34–56 Pulse Effect up 57–79 Shutter Close effect strobe 80–102 Random strobe 103–127 Strobe break 128–251 Strobe 252–255 Open
5	Red	255	
6	Green	255	
7	Blue	255	
8	White	0	

16 CH MODE 1 (continued)

Ch	Function	Default	DMX values
9	Color Macro1	0	0–5 Colour Off (wheel slot 1) 6–13 Red (wheel slot 2) 14–21 Amber (wheel slot 3) 22–29 Yellow Amber (wheel slot 4) 30–37 Yellow (wheel slot 5) 38–45 Green (wheel slot 6) 46–53 Turquoise (wheel slot 7) 54–61 Cyan (wheel slot 8) 62–69 Blue (wheel slot 9) 70–77 Lavender (wheel slot 10) 78–85 Mallow (wheel slot 11) 86–93 Magenta (wheel slot 12) 94–101 Pink (wheel slot 13) 102–109 Warm White 3200K (wheel slot 14) 110–117 White 5600K (wheel slot 15) 118–125 Cold White 7200K (wheel slot 16) 126–127 No Function 128–191 Colour jumping 192–255 Colour fading
10	Dimmer Curve	0	0–5 No function 6–63 Curve Linear 64–127 Curve Exponential 128–191 Curve Logarithmic 192–255 Curve S-curve
11	Function	0	0–5 No function 6–63 Dimmer response LED (hold 3 seconds) 64–127 Dimmer response Halogen (hold 3 seconds) 128–191 Fan high mode (hold 3 seconds) 192–255 Fan Auto mode (hold 3 seconds)
12	Dimmer	0	0–254 Closed 255–255 Open
13	Shutter / Strobe	0	0–1 Open 2–62 Strobe · Min 63–126 Strobe · 25% 127–190 Strobe · 50% 191–254 Strobe · 75% 255–255 Strobe · Max
14	Red	0	
15	Green	0	
16	Blue	0	

16 CH MODE 2

16 channels

Ch	Function	Default	DMX values
1	Zoom	128	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
2	Red	255	
3	Green	255	
4	Blue	255	
5	White	0	
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	

16 CH MODE 2 (continued)

Ch	Function	Default	DMX values
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Red	0	
15	Green	0	
16	Blue	0	

22 CH MODE

22 channels

Ch	Function	Default	DMX values
1	Zoom	128	0–254 Narrow 255–255 Wide
2	Zoom MSpeed	0	0–254 Fast 255–255 Slow
3	Dimmer	0	0–254 Closed 255–255 Open
4	Dimmer Fine	0	Fine byte of Dimmer
5	Shutter / Strobe	0	0–5 Open 6–10 Closed 11–33 Random Pulse effect 34–56 Pulse Effect up 57–79 Shutter Close effect strobe 80–102 Random strobe 103–127 Strobe break 128–251 Strobe 252–255 Open
6	Red	255	
7	Green	255	
8	Blue	255	
9	White	0	
10	Color Wheel	0	0–5 Colour Off (wheel slot 1) 6–13 Red (wheel slot 2) 14–21 Amber (wheel slot 3) 22–29 Yellow Amber (wheel slot 4) 30–37 Yellow (wheel slot 5) 38–45 Green (wheel slot 6) 46–53 Turquoise (wheel slot 7) 54–61 Cyan (wheel slot 8) 62–69 Blue (wheel slot 9) 70–77 Lavender (wheel slot 10) 78–85 Mallow (wheel slot 11) 86–93 Magenta (wheel slot 12) 94–101 Pink (wheel slot 13) 102–109 Warm White 3200K (wheel slot 14) 110–117 White 5600K (wheel slot 15) 118–125 Cold White 7200K (wheel slot 16) 126–127 No Function 128–191 Colour jumping 192–255 Colour fading

22 CH MODE (continued)

Ch	Function	Default	DMX values
11	Color Effects1	0	0–5 Rainbow off 6–21 Rainbow 1 22–37 Rainbow 2 38–53 Rainbow 3 54–69 Rainbow 4 70–85 Rainbow 5 86–101 Rainbow 6 102–117 Rainbow 7 118–133 Rainbow 8 134–149 Rainbow 9 150–165 Rainbow 10 166–181 Rainbow 11 182–197 Rainbow 12 198–213 Rainbow 13 214–229 Rainbow 14 230–255 Rainbow 15
12	Effect	0	0–5 No function 6–30 Auto program 1 31–55 Auto program 2 56–80 Auto program 3 81–105 Auto program 4 106–130 Auto program 5 131–155 Auto program 6 156–180 Auto program 7 181–205 Auto program 8 206–230 Auto program 9 231–255 Auto program 10
13	Effect Speed	0	0–254 Slow 255–255 Fast
14	Effects1Fade	0	
15	Dimmer Curve	0	0–5 No function 6–63 Curve Linear 64–127 Curve Exponential 128–191 Curve Logarithmic 192–255 Curve S-curve
16	Function	0	0–5 No function 6–55 Dimmer response LED (hold 3 seconds) 56–105 Dimmer response Halogen (hold 3 seconds) 106–155 Fan high mode (hold 3 seconds) 156–205 Fan Auto mode (hold 3 seconds) 206–255 Reset all functions (hold 5 seconds)
17	Dimmer	0	0–254 Closed 255–255 Open
18	Shutter / Strobe	0	0–1 Open 2–62 Strobe · Min 63–126 Strobe · 25% 127–190 Strobe · 50% 191–254 Strobe · 75% 255–255 Strobe · Max
19	Red	0	
20	Green	0	
21	Blue	0	

22 CH MODE (continued)

Ch	Function	Default	DMX values
22	Color Wheel	0	0–5 Colour Off (wheel slot 1) 6–13 Red (wheel slot 2) 14–21 Amber (wheel slot 3) 22–29 Yellow Amber (wheel slot 4) 30–37 Yellow (wheel slot 5) 38–45 Green (wheel slot 6) 46–53 Turquoise (wheel slot 7) 54–61 Cyan (wheel slot 8) 62–69 Blue (wheel slot 9) 70–77 Lavender (wheel slot 10) 78–85 Mallow (wheel slot 11) 86–93 Magenta (wheel slot 12) 94–101 Pink (wheel slot 13) 102–109 Warm White 3200K (wheel slot 14) 110–117 White 5600K (wheel slot 15) 118–125 Cold White 7200K (wheel slot 16) 126–127 No Function 128–191 Colour jumping 192–255 Colour fading

34 CH MODE

34 channels

Ch	Function	Default	DMX values
1	Zoom	128	0–254 Narrow 255–255 Wide
2	Zoom MSpeed	0	0–254 Fast 255–255 Slow
3	Dimmer	0	0–254 Closed 255–255 Open
4	Dimmer Fine	0	Fine byte of Dimmer
5	Shutter / Strobe	0	0–5 Open 6–10 Closed 11–33 Random Pulse effect 34–56 Pulse Effect up 57–79 Shutter Close effect strobe 80–102 Random strobe 103–127 Strobe break 128–251 Strobe 252–255 Open
6	Red	255	
7	Green	255	
8	Blue	255	
9	White	0	

34 CH MODE (continued)

Ch	Function	Default	DMX values
10	Color Wheel	0	0–5 Colour Off (wheel slot 1) 6–13 Red (wheel slot 2) 14–21 Amber (wheel slot 3) 22–29 Yellow Amber (wheel slot 4) 30–37 Yellow (wheel slot 5) 38–45 Green (wheel slot 6) 46–53 Turquoise (wheel slot 7) 54–61 Cyan (wheel slot 8) 62–69 Blue (wheel slot 9) 70–77 Lavender (wheel slot 10) 78–85 Mallow (wheel slot 11) 86–93 Magenta (wheel slot 12) 94–101 Pink (wheel slot 13) 102–109 Warm White 3200K (wheel slot 14) 110–117 White 5600K (wheel slot 15) 118–125 Cold White 7200K (wheel slot 16) 126–127 No Function 128–191 Colour jumping 192–255 Colour fading
11	Color Effects1	0	0–5 Rainbow off 6–21 Rainbow 1 22–37 Rainbow 2 38–53 Rainbow 3 54–69 Rainbow 4 70–85 Rainbow 5 86–101 Rainbow 6 102–117 Rainbow 7 118–133 Rainbow 8 134–149 Rainbow 9 150–165 Rainbow 10 166–181 Rainbow 11 182–197 Rainbow 12 198–213 Rainbow 13 214–229 Rainbow 14 230–255 Rainbow 15
12	Effect	0	0–5 No function 6–30 Auto program 1 31–55 Auto program 2 56–80 Auto program 3 81–105 Auto program 4 106–130 Auto program 5 131–155 Auto program 6 156–180 Auto program 7 181–205 Auto program 8 206–230 Auto program 9 231–255 Auto program 10
13	Effect Speed	0	0–254 Slow 255–255 Fast
14	Effects1Fade	0	
15	Dimmer Curve	0	0–5 No function 6–63 Curve Linear 64–127 Curve Exponential 128–191 Curve Logarithmic 192–255 Curve S-curve
16	Function	0	0–5 No function 6–55 Dimmer response LED (hold 3 seconds) 56–105 Dimmer response Halogen (hold 3 seconds) 106–155 Fan high mode (hold 3 seconds) 156–205 Fan Auto mode (hold 3 seconds) 206–255 Reset all functions (hold 5 seconds)

34 CH MODE (continued)

Ch	Function	Default	DMX values
17	Red	0	
18	Green	0	
19	Blue	0	
20	White	0	
21	Red	0	
22	Green	0	
23	Blue	0	
24	White	0	
25	Red	0	
26	Green	0	
27	Blue	0	
28	White	0	
29	Dimmer	0	0–254 Closed 255–255 Open
30	Shutter / Strobe	0	0–5 Open 6–10 Close 11–250 Strobe Slow to fast 251–255 Open
31	Red	0	
32	Green	0	
33	Blue	0	
34	Color Wheel	0	0–5 Colour Off (wheel slot 1) 6–13 Red (wheel slot 2) 14–21 Amber (wheel slot 3) 22–29 Yellow Amber (wheel slot 4) 30–37 Yellow (wheel slot 5) 38–45 Green (wheel slot 6) 46–53 Turquoise (wheel slot 7) 54–61 Cyan (wheel slot 8) 62–69 Blue (wheel slot 9) 70–77 Lavender (wheel slot 10) 78–85 Mallow (wheel slot 11) 86–93 Magenta (wheel slot 12) 94–101 Pink (wheel slot 13) 102–109 Warm White 3200K (wheel slot 14) 110–117 White 5600K (wheel slot 15) 118–125 Cold White 7200K (wheel slot 16) 126–127 No Function 128–191 Colour jumping 192–255 Colour fading