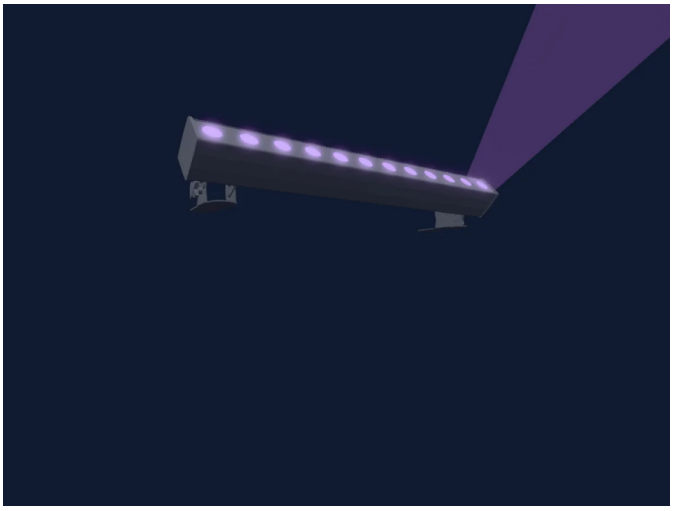
Leding

PixCyc 12



Manufacturer	**Leding**
Type	**PAR**
DMX modes	**11**
DMX footprint	**1, 3, 4, 5, 6, 11, 16, 39, 63 channels**
Beam angle	**25°**
Size (W × H × D)	**980 × 184 × 202 mm**
GDTF fixture type	**EA0F06FE-EB08-1002-763B-26E…**

Controls

Extra LED colours · RGB colour mixing · Colour wheel · Strobe · Dimmer

Safety-relevant functions

Strobe

DMX modes

HALO	1 ch
ARC1	3 ch
HSV	3 ch
ARC1 D	4 ch
ARC2	4 ch
ARC2 D	5 ch
ARC2 S	6 ch
TOUR	11 ch
TR 16	16 ch
PIXEL 1	39 ch
PIXEL 2	63 ch

HALO

1 channel

Ch	Function	Default	DMX values
1	Dimmer	255	0–0 closed 1–255 open

ARC1

3 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	

HSV

3 channels

Ch	Function	Default	DMX values
1	H SBHue	47	
2	H SBSaturation	112	
3	Dimmer	0	0–0 closed 1–255 open

ARC1 D

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
2	Red	255	
3	Green	255	
4	Blue	255	

ARC2

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	255	

ARC2 D

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
2	Red	255	
3	Green	255	
4	Blue	255	
5	White	255	

ARC2 S

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
2	Red	255	
3	Green	255	
4	Blue	255	
5	White	255	
6	Shutter / Strobe	0	0–9 open 10–254 min Strobe 255–255 max Strobe

TOUR

11 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
2	Red	255	
3	Green	255	
4	Blue	255	
5	White	255	
6	C OLORMIXER	0	0–10 Normal 11–30 Red 100%/green up/blue 0% 31–50 Red down/green 100%/blue 0% 51–70 Red 0%/green 100%/blue up 71–90 Red 0%/green down/blue 100% 91–110 Red up/green 0%/blue 100% 111–130 Red 100%/green 0%/blue down 131–150 Red 100%/green up/blue up 151–170 Red down/green down/blue 100% 171–200 RGBW 100% 201–205 White 1 206–210 White 2 211–215 White 3 216–220 White 4 221–225 White 5 226–230 White 6 231–235 White 7 236–240 White 8 241–245 White 9 246–250 White 10 251–255 White 11
7	Shutter / Strobe	0	0–9 open 10–254 min Strobe 255–255 max Strobe
8	C OLORMIXMACROSELECT	0	
9	C OLORMIXMACRORATE	0	
10	Dimmer Curve	20	0–9 From menu 10–29 Linear 30–69 Non linear 1 70–129 Non linear 2 130–189 Non linear 3 190–255 Non linear 4

TOUR (continued)

Ch	Function	Default	DMX values
11	Pixel Mode	0	0–9 All Pixels 10–14 1 15–19 1-4 20–24 1-5 25–29 1-6 30–34 1-7 35–39 1-4-7-10 40–44 Odd 45–49 Even 50–54 1-2 55–59 1-2-3 60–64 1-2-3-4 65–69 All (2) 70–74 1 75–79 2 80–84 3 85–89 4 90–94 5 95–99 6 100–104 7 105–109 8 110–114 9 115–119 10 120–124 11 125–129 12 130–134 1-2 135–139 3-4 140–144 5-6 145–149 7-8 150–154 9-10 155–159 11-12 160–164 1-3 165–169 2-4 170–174 5-7 175–179 6-8 180–184 9-11 185–189 10-12 190–194 1-2-3 195–199 4-5-6 200–204 7-8-9 205–209 10-11-12 210–214 1-2-3-4 215–219 5-6-7-8 220–224 9-10-11-12 225–229 1-2-3-4-5-6 230–234 7-8-9-10-11-12 235–239 Random Effect 240–255 All (3)

TR 16

16 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	
4	Red Fine	255	Fine byte of Red
5	Green	255	
6	Green Fine	255	Fine byte of Green

TR 16 (continued)

Ch	Function	Default	DMX values
7	Blue	255	
8	Blue Fine	255	Fine byte of Blue
9	White	255	
10	White Fine	255	Fine byte of White
11	C OLORMIXER	0	0–10 Normal 11–30 Red 100%/green up/blue 0% 31–50 Red down/green 100%/blue 0% 51–70 Red 0%/green 100%/blue up 71–90 Red 0%/green down/blue 100% 91–110 Red up/green 0%/blue 100% 111–130 Red 100%/green 0%/blue down 131–150 Red 100%/green up/blue up 151–170 Red down/green down/blue 100% 171–200 RGBW 100% 201–205 White 1 206–210 White 2 211–215 White 3 216–220 White 4 221–225 White 5 226–230 White 6 231–235 White 7 236–240 White 8 241–245 White 9 246–250 White 10 251–255 White 11
12	Shutter / Strobe	0	0–9 open 10–254 min Strobe 255–255 max Strobe
13	C OLORMIXMACROSELECT	0	
14	C OLORMIXMACRORATE	0	
15	Dimmer Curve	20	0–9 From menu 10–29 Linear 30–69 Non linear 1 70–129 Non linear 2 130–189 Non linear 3 190–255 Non linear 4

TR 16 (continued)

Ch	Function	Default	DMX values
16	Pixel Mode	0	0–9 All Pixels 10–14 1 15–19 1-4 20–24 1-5 25–29 1-6 30–34 1-7 35–39 1-4-7-10 40–44 Odd 45–49 Even 50–54 1-2 55–59 1-2-3 60–64 1-2-3-4 65–69 All (2) 70–74 1 75–79 2 80–84 3 85–89 4 90–94 5 95–99 6 100–104 7 105–109 8 110–114 9 115–119 10 120–124 11 125–129 12 130–134 1-2 135–139 3-4 140–144 5-6 145–149 7-8 150–154 9-10 155–159 11-12 160–164 1-3 165–169 2-4 170–174 5-7 175–179 6-8 180–184 9-11 185–189 10-12 190–194 1-2-3 195–199 4-5-6 200–204 7-8-9 205–209 10-11-12 210–214 1-2-3-4 215–219 5-6-7-8 220–224 9-10-11-12 225–229 1-2-3-4-5-6 230–234 7-8-9-10-11-12 235–239 Random Effect 240–255 All (3)

PIXEL 1

39 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Reserved 4	0	
5	Reserved 5	0	
6	Reserved 6	0	
7	Reserved 7	0	

PIXEL 1 (continued)

Ch	Function	Default	DMX values
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Dimmer Curve	20	0–9 From menu 10–29 Linear 30–69 Dim 1 70–129 Dim 2 130–189 Dim 3 190–255 Dim 4

PIXEL 2

63 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	255	
5	Reserved 5	0	
6	Reserved 6	0	

PIXEL 2 (continued)

Ch	Function	Default	DMX values
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	
50	Reserved 50	0	
51	Reserved 51	0	

PIXEL 2 (continued)

Ch	Function	Default	DMX values
52	Reserved 52	0	
53	Reserved 53	0	
54	Reserved 54	0	
55	Reserved 55	0	
56	Reserved 56	0	
57	Reserved 57	0	
58	Reserved 58	0	
59	Reserved 59	0	
60	Reserved 60	0	
61	Reserved 61	0	
62	Reserved 62	0	
63	Dimmer Curve	20	0–9 From menu 10–29 Linear 30–69 Dim 1 70–129 Dim 2 130–189 Dim 3 190–255 Dim 4