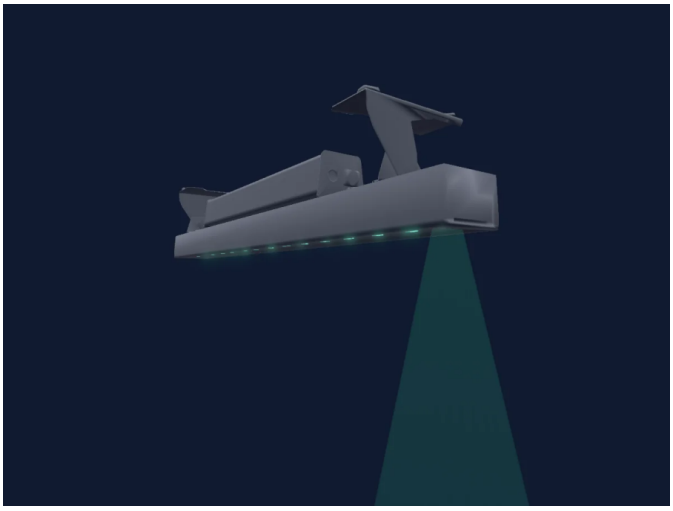
Robe Lighting

Robin CycBar 15X



Manufacturer	**Robe Lighting**
Type	**Effect light**
DMX modes	**6**
DMX footprint	**3, 5, 11, 16, 19, 20 channels**
Beam angle	**25°**
Heads / cells	**2**
Size (W × H × D)	**798 × 119 × 181 mm**
GDTF fixture type	**A0520844-B27D-4B12-936E-0E...**

Controls

Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Effect speed · Strobe · Dimmer · Pixel control

Safety-relevant functions

Built-in effect programmes

DMX modes

Mode 6 - RGB pixels	3 ch
Mode 5 - Extended 16 - bit + RGB pixels + LED Frequency setting	5 ch
Mode 2 - Reduced 8 - bit	11 ch
Mode 1 - Standard 16 - bit	16 ch
Mode 3 - Extended 16 - bit + RGB pixels	19 ch
Mode 4 - Extended 16 - bit + RGBD pixels	20 ch

Mode 6 - RGB pixels

3 channels

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

Mode 5 - Extended 16 - bit + RGB pixels + LED Frequency setting

5 channels

Ch	Function	Default	DMX values
1	Control1	0	
2	Shutter / Strobe	32	0–31 Closed 32–63 Open 64–79 Strobe · Slow to fast 1/12 0.3–9.83 Hz 80–94 Strobe · Slow to fast 6/12 10.5–19.4 Hz 95–95 Strobe · Slow to fast 12/12 20 Hz 96–127 open 128–134 StrobePulseOpen · Slow to fast 1/7 0.1–0.26 Hz 135–140 StrobePulseOpen · Slow to fast 4/7 0.287–0.42 Hz 141–143 StrobePulseOpen · Slow to fast 7/7 0.447–0.5 Hz 144–149 StrobePulseClose · Fast to slow 1/7 0.5–0.367 Hz 150–155 StrobePulseClose · Fast to slow 4/7 0.34–0.207 Hz 156–159 StrobePulseClose · Fast to slow 7/7 0.18–0.1 Hz 160–191 open 192–223 Random strobe from slow to fast 224–255 open
3	Red	255	
4	Green	255	
5	Blue	255	

Mode 2 - Reduced 8 - bit

11 channels

Ch	Function	Default	DMX values
1	Control1	0	
2	Red	255	
3	Green	255	
4	Blue	255	
5	White	255	
6	C TO	0	0–0 No function 1–255 Color temperature correction
7	Color Macro1	0	

Mode 2 - Reduced 8 - bit (continued)

Ch	Function	Default	DMX values
8	Effect	0	0–2 No function 3–4 Effect 1 5–6 Effect 2 7–8 Effect 3 9–10 Effect 4 11–12 Effect 5 13–14 Effect 6 15–16 Effect 7 17–18 Effect 8 19–20 Effect 9 21–22 Effect 10 23–24 Effect 11 25–26 Effect 12 27–28 Effect 13 29–30 Effect 14 31–32 Effect 15 33–34 Effect 16 35–36 Effect 17 37–38 Effect 18 39–40 Effect 19 41–42 Effect 20 43–44 Effect 21 45–46 Effect 22 47–48 Effect 23 49–50 Effect 24 51–52 Effect 25 53–54 Effect 26 55–56 Effect 27 57–58 Effect 28 59–60 Effect 29 61–62 Effect 30 63–64 Effect 31 65–66 Effect 32 67–68 Effect 33 69–70 Effect 34 71–72 Effect 35 73–74 Effect 36 75–76 Effect 37 77–78 Effect 38 79–80 Effect 39 81–82 Effect 40 83–84 Effect 41 85–86 Effect 42 87–88 Effect 43 89–90 Effect 44 91–92 Effect 45 93–94 Effect 46 95–96 Effect 47 97–98 Effect 48 99–100 Effect 49 101–102 Effect 50 103–104 Effect 51 105–106 Effect 52 107–108 Effect 53 109–110 Effect 54 111–112 Effect 55 113–114 Effect 56 115–116 Effect 57 117–118 Effect 58 119–120 Effect 59 121–122 Effect 60 123–124 Effect 61 125–126 Effect 62 127–128 Effect 63

Mode 2 - Reduced 8 - bit (continued)

Ch	Function	Default	DMX values
9	Effect Speed	0	0–62 Speed without fade time Min 63–63 Speed without fade time Max 64–126 Speed without fade time Max (op direction) 127–127 Speed without fade time Min (op direction) 128–190 Speed with fade time Min 191–191 Speed with fade time Max 192–254 Speed with fade time Max (op direction) 255–255 Speed with fade time Min (op direction)
10	Shutter / Strobe	32	0–31 Closed 32–63 Open 64–79 Strobe · Slow to fast 1/12 0.3–9.83 Hz 80–94 Strobe · Slow to fast 6/12 10.5–19.4 Hz 95–95 Strobe · Slow to fast 12/12 20 Hz 96–127 open 128–134 StrobePulseOpen · Slow to fast 1/7 0.1–0.26 Hz 135–140 StrobePulseOpen · Slow to fast 4/7 0.287–0.42 Hz 141–143 StrobePulseOpen · Slow to fast 7/7 0.447–0.5 Hz 144–149 StrobePulseClose · Fast to slow 1/7 0.5–0.367 Hz 150–155 StrobePulseClose · Fast to slow 4/7 0.34–0.207 Hz 156–159 StrobePulseClose · Fast to slow 7/7 0.18–0.1 Hz 160–191 open 192–223 Random strobe from slow to fast 224–255 open
11	Dimmer	0	0–254 Closed 255–255 Open

Mode 1 - Standard 16 - bit

16 channels

Ch	Function	Default	DMX values
1	Control1	0	
2	Red	255	
3	Red Fine	255	Fine byte of Red
4	Green	255	
5	Green Fine	255	Fine byte of Green
6	Blue	255	
7	Blue Fine	255	Fine byte of Blue
8	White	255	
9	White Fine	255	Fine byte of White
10	C TO	0	0–0 No function 1–255 Color temperature correction
11	Color Macro1	255	

Mode 1 - Standard 16 - bit (continued)

Ch	Function	Default	DMX values
12	Effect	0	0–2 No function 3–4 Effect 1 5–6 Effect 2 7–8 Effect 3 9–10 Effect 4 11–12 Effect 5 13–14 Effect 6 15–16 Effect 7 17–18 Effect 8 19–20 Effect 9 21–22 Effect 10 23–24 Effect 11 25–26 Effect 12 27–28 Effect 13 29–30 Effect 14 31–32 Effect 15 33–34 Effect 16 35–36 Effect 17 37–38 Effect 18 39–40 Effect 19 41–42 Effect 20 43–44 Effect 21 45–46 Effect 22 47–48 Effect 23 49–50 Effect 24 51–52 Effect 25 53–54 Effect 26 55–56 Effect 27 57–58 Effect 28 59–60 Effect 29 61–62 Effect 30 63–64 Effect 31 65–66 Effect 32 67–68 Effect 33 69–70 Effect 34 71–72 Effect 35 73–74 Effect 36 75–76 Effect 37 77–78 Effect 38 79–80 Effect 39 81–82 Effect 40 83–84 Effect 41 85–86 Effect 42 87–88 Effect 43 89–90 Effect 44 91–92 Effect 45 93–94 Effect 46 95–96 Effect 47 97–98 Effect 48 99–100 Effect 49 101–102 Effect 50 103–104 Effect 51 105–106 Effect 52 107–108 Effect 53 109–110 Effect 54 111–112 Effect 55 113–114 Effect 56 115–116 Effect 57 117–118 Effect 58 119–120 Effect 59 121–122 Effect 60 123–124 Effect 61 125–126 Effect 62 127–128 Effect 63

Mode 1 - Standard 16 - bit (continued)

Ch	Function	Default	DMX values
13	Effect Speed	0	0–62 Speed without fade time Min 63–63 Speed without fade time Max 64–126 Speed without fade time Max (op direction) 127–127 Speed without fade time Min (op direction) 128–190 Speed with fade time Min 191–191 Speed with fade time Max 192–254 Speed with fade time Max (op direction) 255–255 Speed with fade time Min (op direction)
14	Shutter / Strobe	32	0–31 Closed 32–63 Open 64–79 Strobe · Slow to fast 1/12 0.3–9.83 Hz 80–94 Strobe · Slow to fast 6/12 10.5–19.4 Hz 95–95 Strobe · Slow to fast 12/12 20 Hz 96–127 open 128–134 StrobePulseOpen · Slow to fast 1/7 0.1–0.26 Hz 135–140 StrobePulseOpen · Slow to fast 4/7 0.287–0.42 Hz 141–143 StrobePulseOpen · Slow to fast 7/7 0.447–0.5 Hz 144–149 StrobePulseClose · Fast to slow 1/7 0.5–0.367 Hz 150–155 StrobePulseClose · Fast to slow 4/7 0.34–0.207 Hz 156–159 StrobePulseClose · Fast to slow 7/7 0.18–0.1 Hz 160–191 open 192–223 Random strobe from slow to fast 224–255 open
15	Dimmer	0	0–254 Closed 255–255 Open
16	Dimmer Fine	0	Fine byte of Dimmer

Mode 3 - Extended 16 - bit + RGB pixels

19 channels

Ch	Function	Default	DMX values
1	Control1	0	
2	Red	255	
3	Red Fine	255	Fine byte of Red
4	Green	255	
5	Green Fine	255	Fine byte of Green
6	Blue	255	
7	Blue Fine	255	Fine byte of Blue
8	White	255	
9	White Fine	255	Fine byte of White
10	C TO	0	0–0 No function 1–255 Color temperature correction
11	Color Macro1	0	
12	Effect	0	
13	Effect Speed	0	0–62 Speed without fade time Min 63–63 Speed without fade time Max 64–126 Speed without fade time Max (op direction) 127–127 Speed without fade time Min (op direction) 128–190 Speed with fade time Min 191–191 Speed with fade time Max 192–254 Speed with fade time Max (op direction) 255–255 Speed with fade time Min (op direction)

Mode 3 - Extended 16 - bit + RGB pixels (continued)

Ch	Function	Default	DMX values
14	Shutter / Strobe	32	0–31 Closed 32–63 Open 64–79 Strobe · Slow to fast 1/12 0.3–9.83 Hz 80–94 Strobe · Slow to fast 6/12 10.5–19.4 Hz 95–95 Strobe · Slow to fast 12/12 20 Hz 96–127 open 128–134 StrobePulseOpen · Slow to fast 1/7 0.1–0.26 Hz 135–140 StrobePulseOpen · Slow to fast 4/7 0.287–0.42 Hz 141–143 StrobePulseOpen · Slow to fast 7/7 0.447–0.5 Hz 144–149 StrobePulseClose · Fast to slow 1/7 0.5–0.367 Hz 150–155 StrobePulseClose · Fast to slow 4/7 0.34–0.207 Hz 156–159 StrobePulseClose · Fast to slow 7/7 0.18–0.1 Hz 160–191 open 192–223 Random strobe from slow to fast 224–255 open
15	Dimmer	0	0–254 Closed 255–255 Open
16	Dimmer Fine	0	Fine byte of Dimmer
17	Red	0	
18	Green	0	
19	Blue	0	

Mode 4 - Extended 16 - bit + RGBD pixels

20 channels

Ch	Function	Default	DMX values
1	Control1	0	
2	Red	0	
3	Red Fine	0	Fine byte of Red
4	Green	0	
5	Green Fine	0	Fine byte of Green
6	Blue	0	
7	Blue Fine	0	Fine byte of Blue
8	White	0	
9	White Fine	0	Fine byte of White
10	C TO	0	0–0 No function 1–255 Color temperature correction
11	Color Macro1	0	
12	Effect	0	
13	Effect Speed	0	0–62 Speed without fade time Min 63–63 Speed without fade time Max 64–126 Speed without fade time Max (op direction) 127–127 Speed without fade time Min (op direction) 128–190 Speed with fade time Min 191–191 Speed with fade time Max 192–254 Speed with fade time Max (op direction) 255–255 Speed with fade time Min (op direction)

Mode 4 - Extended 16 - bit + RGBD pixels (continued)

Ch	Function	Default	DMX values
14	Shutter / Strobe	32	0–31 Closed 32–63 Open 64–79 Strobe · Slow to fast 1/12 0.3–9.83 Hz 80–94 Strobe · Slow to fast 6/12 10.5–19.4 Hz 95–95 Strobe · Slow to fast 12/12 20 Hz 96–127 open 128–134 StrobePulseOpen · Slow to fast 1/7 0.1–0.26 Hz 135–140 StrobePulseOpen · Slow to fast 4/7 0.287–0.42 Hz 141–143 StrobePulseOpen · Slow to fast 7/7 0.447–0.5 Hz 144–149 StrobePulseClose · Fast to slow 1/7 0.5–0.367 Hz 150–155 StrobePulseClose · Fast to slow 4/7 0.34–0.207 Hz 156–159 StrobePulseClose · Fast to slow 7/7 0.18–0.1 Hz 160–191 open 192–223 Random strobe from slow to fast 224–255 open
15	Dimmer	0	0–254 Closed 255–255 Open
16	Dimmer Fine	0	Fine byte of Dimmer
17	Red	255	
18	Green	255	
19	Blue	255	
20	Dimmer	0	0–254 Closed 255–255 Open