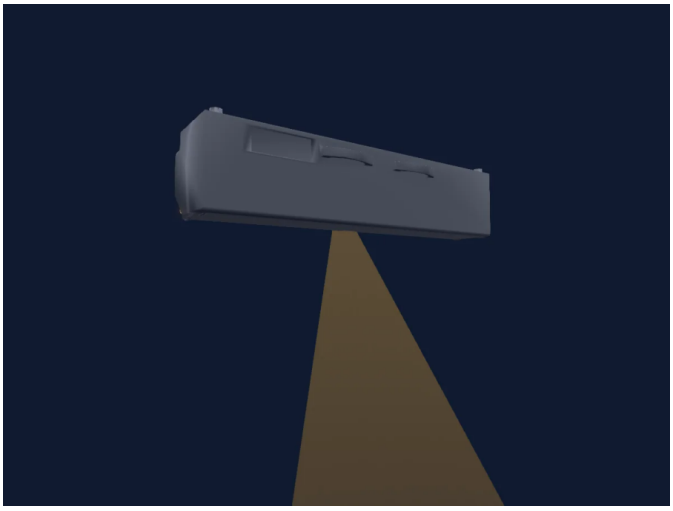
Robe Lighting

Robin T32 CYC Slim



Manufacturer	**Robe Lighting**
Type	**PAR**
DMX modes	**3**
DMX footprint	**31, 35 channels**
Beam angle	**35°**
Heads / cells	**4**
Size (W × H × D)	**1019 × 242 × 264 mm**
GDTF fixture type	**67C27E43-D5D2-49B7-A6D8-C5…**

Controls

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

Safety-relevant functions

Service functions

DMX modes

Mode 1 - CMY	31 ch
Mode 1 - RGB	31 ch
Mode 2 - RGBAL	35 ch

Mode 1 - CMY

31 channels

Ch	Function	Default	DMX values
1	Control1	0	0–9 No function 10–14 Wired DMX 15–19 Wireless DMX 20–24 Display ON 25–29 Display OFF 30–69 No function 1 70–74 Fans mode Auto 75–79 Fans mode High 80–84 Quiet mode Fans ON at blackout 85–89 Quiet mode Fans OFF at blackout 90–94 ON High power mode 95–99 OFF High power mode 100–209 No function 3 210–211 Green/Blue correction calibration 212–239 No function 4 240–240 Disabled Fans Quiet mode 241–255 Quiet mode min to max
2	L EDFrequency	10	0–4 PWM frequency from Display menu 5–9 300 Hz 10–14 600 Hz 15–19 1200 Hz 20–24 2400 Hz 25–29 High 30–255 NoFeature
3	L EDFrequency Adjust	128	

Mode 1 - CMY (continued)

Ch	Function	Default	DMX values
4	Color Control	1	0–29 No function 30–34 Standard CTO 8000-2700K 35–39 Extended CTO 10000-1800K 40–44 Colour mixing mode: CMY (DMX mode 1) 45–49 Colour mixing mode: RGB (DMX mode 1) 50–54 Dimmer curve Square law 55–59 Dimmer curve Linear 60–64 Dimmer curve Super square law 65–79 NoFeature 1 80–84 Tungsten effect simulation (750W): On 85–89 Tungsten effect simulation (1000W): On 90–94 Tungsten effect simulation (1200W): On 95–99 Tungsten effect simulation (2000W): On 100–104 Tungsten effect simulation (2500W): On 105–109 Tungsten effect simulation: Off 110–114 Save user colour 115–119 Chromatic white On 120–124 Chromatic white Off 125–129 Light output stability On 130–134 Light output stability Off 135–139 Uniformity On 140–144 Uniformity Off 145–152 No function 153–154 1800K/High intensity 155–156 2700K/High intensity 157–158 3200K/High intensity 159–160 4200K/High intensity 161–162 5600K/High intensity 163–164 8000K/High intensity 165–166 10000K/High intensity 167–168 1800K/High CRI 169–170 2700K/High CRI 171–172 3200K/High CRI 173–174 4200K/High CRI 175–176 5600K/High CRI 177–178 8000K/High CRI 179–180 10000K/High CRI 181–182 Save Green/Blue correction 183–255 NoFeature 3
5	C RIMode	0	0–254 CRI 80 255–255 CRI 90+
6	Color Macro1	0	
7	Cyan	0	
8	Cyan Fine	0	Fine byte of Cyan
9	Magenta	0	
10	Magenta Fine	0	Fine byte of Magenta
11	Yellow	0	
12	Yellow Fine	0	Fine byte of Yellow
13	C TO	110	0–1 8000 K 2–64 7978 K - > 6622 K 65–65 6600 K 66–109 6578K - > 5622 K 110–110 5600 K 111–179 5580 K - > 4220 K 180–180 4200 K 181–229 4180 K - > 3220 K 230–230 3200 K 231–254 3180 K - > 2720 K 255–255 2700K

Mode 1 - CMY (continued)

Ch	Function	Default	DMX values
14	Tint	128	0–0 Uncorrected white 1–127 Minus green - > Uncorrected white 128–128 Uncorrected white 129–255 Uncorrected white - > Plus green
15	Color Mix Mode	0	0–9 Virtual colours (Virtual has priority) 10–19 Maximum mode (highest values have priority) 20–29 Minimum mode (lowest values have priority) 30–39 Multiply mode (multiply Virtual and Colour mix) 40–49 Addition mode (Virtual + Colour mix) 50–59 Subtraction mode (Virtual - Colour mix) 60–69 Inverted Subtraction mode (Colour mix - Virtual) 70–79 White Point Off 80–128 Reserved 129–129 Crossfade Virtual only 130–254 Crossfade between Virtual and Colour mix 255–255 Crossfade Color mix only
16	Color Mix Mode	45	0–9 Global Colours (global has priority) 10–19 Maximum mode (highest values have priority) 20–29 Minimum mode (lowest values have priority) 30–39 Multiply mode (multiply Global and Pixel) 40–49 Addition mode (Global + Pixel) 50–59 Subtraction mode (Global - Pixel) 60–69 Inverted Subtraction mode (Pixel - Global) 70–79 White Point Off 80–127 Reserved 128–128 Global colours only (Global has priority) 129–254 Crossfade between Global and Pixel 255–255 Zone colours (Pixel has priority)
17	Shutter / Strobe	32	0–31 Shutter closed 32–63 Shutter open 64–94 Strobe min 95–95 Strobe max 96–127 Shutter open 128–142 Opening pulse slow 143–143 Opening pulse fast 144–158 Closing pulse fast 159–159 Closing pulse slow 160–191 Shutter open 192–222 Random strobe slow 223–223 Random strobe fast 224–255 Shutter open
18	Dimmer	0	0–254 Closed 255–255 Open
19	Dimmer Fine	0	Fine byte of Dimmer
20	Red	0	
21	Green	0	
22	Blue	0	
23	Red	0	
24	Green	0	
25	Blue	0	
26	Red	0	
27	Green	0	
28	Blue	0	
29	Red	0	
30	Green	0	
31	Blue	0	

Mode 1 - RGB

31 channels

Ch	Function	Default	DMX values
1	Control1	0	0–9 No function 10–14 Wired DMX 15–19 Wireless DMX 20–24 Display ON 25–29 Display OFF 30–69 No function 1 70–74 Fans mode Auto 75–79 Fans mode High 80–84 Quiet mode Fans ON at blackout 85–89 Quiet mode Fans OFF at blackout 90–94 ON High power mode 95–99 OFF High power mode 100–209 No function 3 210–211 Green/Blue correction calibration 212–239 No function 4 240–240 Disabled Fans Quiet mode 241–255 Quiet mode min to max
2	L EDFrequency	10	0–4 PWM frequency from Display menu 5–9 300 Hz 10–14 600 Hz 15–19 1200 Hz 20–24 2400 Hz 25–29 High 30–255 NoFeature
3	L EDFrequency Adjust	128	

Mode 1 - RGB (continued)

Ch	Function	Default	DMX values
4	Color Control	1	0–29 No function 30–34 Standard CTO 8000-2700K 35–39 Extended CTO 10000-1800K 40–44 Colour mixing mode: CMY (DMX mode 1) 45–49 Colour mixing mode: RGB (DMX mode 1) 50–54 Dimmer curve Square law 55–59 Dimmer curve Linear 60–64 Dimmer curve Super square law 65–79 NoFeature 1 80–84 Tungsten effect simulation (750W): On 85–89 Tungsten effect simulation (1000W): On 90–94 Tungsten effect simulation (1200W): On 95–99 Tungsten effect simulation (2000W): On 100–104 Tungsten effect simulation (2500W): On 105–109 Tungsten effect simulation: Off 110–114 Save user colour 115–119 Chromatic white On 120–124 Chromatic white Off 125–129 Light output stability On 130–134 Light output stability Off 135–139 Uniformity On 140–144 Uniformity Off 145–152 No function 153–154 1800K/High intensity 155–156 2700K/High intensity 157–158 3200K/High intensity 159–160 4200K/High intensity 161–162 5600K/High intensity 163–164 8000K/High intensity 165–166 10000K/High intensity 167–168 1800K/High CRI 169–170 2700K/High CRI 171–172 3200K/High CRI 173–174 4200K/High CRI 175–176 5600K/High CRI 177–178 8000K/High CRI 179–180 10000K/High CRI 181–182 Save Green/Blue correction 183–255 NoFeature 3
5	C RIMode	0	0–254 CRI 80 255–255 CRI 90+
6	Color Macro1	0	
7	Red	255	
8	Red Fine	255	Fine byte of Red
9	Green	255	
10	Green Fine	255	Fine byte of Green
11	Blue	255	
12	Blue Fine	255	Fine byte of Blue
13	C TO	110	0–1 8000 K 2–64 7978 K - > 6622 K 65–65 6600 K 66–109 6578K - > 5622 K 110–110 5600 K 111–179 5580 K - > 4220 K 180–180 4200 K 181–229 4180 K - > 3220 K 230–230 3200 K 231–254 3180 K - > 2720 K 255–255 2700K

Mode 1 - RGB (continued)

Ch	Function	Default	DMX values
14	Tint	128	0–0 Uncorrected white 1–127 Minus green - > Uncorrected white 128–128 Uncorrected white 129–255 Uncorrected white - > Plus green
15	Color Mix Mode	0	0–9 Virtual colours (Virtual has priority) 10–19 Maximum mode (highest values have priority) 20–29 Minimum mode (lowest values have priority) 30–39 Multiply mode (multiply Virtual and Colour mix) 40–49 Addition mode (Virtual + Colour mix) 50–59 Subtraction mode (Virtual - Colour mix) 60–69 Inverted Subtraction mode (Colour mix - Virtual) 70–79 White Point Off 80–128 Reserved 129–129 Crossfade Virtual only 130–254 Crossfade between Virtual and Colour mix 255–255 Crossfade Color mix only
16	Color Mix Mode	45	0–9 Global Colours (global has priority) 10–19 Maximum mode (highest values have priority) 20–29 Minimum mode (lowest values have priority) 30–39 Multiply mode (multiply Global and Pixel) 40–49 Addition mode (Global + Pixel) 50–59 Subtraction mode (Global - Pixel) 60–69 Inverted Subtraction mode (Pixel - Global) 70–79 White Point Off 80–127 Reserved 128–128 Global colours only (Global has priority) 129–254 Crossfade between Global and Pixel 255–255 Zone colours (Pixel has priority)
17	Shutter / Strobe	32	0–31 Shutter closed 32–63 Shutter open 64–94 Strobe min 95–95 Strobe max 96–127 Shutter open 128–142 Opening pulse slow 143–143 Opening pulse fast 144–158 Closing pulse fast 159–159 Closing pulse slow 160–191 Shutter open 192–222 Random strobe slow 223–223 Random strobe fast 224–255 Shutter open
18	Dimmer	0	0–254 Closed 255–255 Open
19	Dimmer Fine	0	Fine byte of Dimmer
20	Red	0	
21	Green	0	
22	Blue	0	
23	Red	0	
24	Green	0	
25	Blue	0	
26	Red	0	
27	Green	0	
28	Blue	0	
29	Red	0	
30	Green	0	
31	Blue	0	

Mode 2 - RGBAL

35 channels

Ch	Function	Default	DMX values
1	Control1	0	0–9 No function 10–14 Wired DMX 15–19 Wireless DMX 20–24 Display ON 25–29 Display OFF 30–69 No function 1 70–74 Fans mode Auto 75–79 Fans mode High 80–84 Quiet mode Fans ON at blackout 85–89 Quiet mode Fans OFF at blackout 90–94 ON High power mode 95–99 OFF High power mode 100–209 No function 3 210–211 Green/Blue correction calibration 212–239 No function 4 240–240 Disabled Fans Quiet mode 241–255 Quiet mode min to max
2	L EDFrequency	10	0–4 PWM frequency from Display menu 5–9 300 Hz 10–14 600 Hz 15–19 1200 Hz 20–24 2400 Hz 25–29 High 30–255 NoFeature
3	L EDFrequency Adjust	128	

Mode 2 - RGBAL (continued)

Ch	Function	Default	DMX values
4	Color Control	1	0–29 No function 30–34 Standard CTO 8000-2700K 35–39 Extended CTO 10000-1800K 40–44 Colour mixing mode: CMY (DMX mode 1) 45–49 Colour mixing mode: RGB (DMX mode 1) 50–54 Dimmer curve Square law 55–59 Dimmer curve Linear 60–64 Dimmer curve Super square law 65–79 NoFeature 1 80–84 Tungsten effect simulation (750W): On 85–89 Tungsten effect simulation (1000W): On 90–94 Tungsten effect simulation (1200W): On 95–99 Tungsten effect simulation (2000W): On 100–104 Tungsten effect simulation (2500W): On 105–109 Tungsten effect simulation: Off 110–114 Save user colour 115–119 Chromatic white On 120–124 Chromatic white Off 125–129 Light output stability On 130–134 Light output stability Off 135–139 Uniformity On 140–144 Uniformity Off 145–152 No function 153–154 1800K/High intensity 155–156 2700K/High intensity 157–158 3200K/High intensity 159–160 4200K/High intensity 161–162 5600K/High intensity 163–164 8000K/High intensity 165–166 10000K/High intensity 167–168 1800K/High CRI 169–170 2700K/High CRI 171–172 3200K/High CRI 173–174 4200K/High CRI 175–176 5600K/High CRI 177–178 8000K/High CRI 179–180 10000K/High CRI 181–182 Save Green/Blue correction 183–255 NoFeature 3
5	C RIMode	0	0–254 CRI 80 255–255 CRI 90+
6	Color Macro1	0	
7	Red	255	
8	Red Fine	255	Fine byte of Red
9	Green	255	
10	Green Fine	255	Fine byte of Green
11	Blue	255	
12	Blue Fine	255	Fine byte of Blue
13	Color Add RY	255	
14	Color Add RY Fine	255	Fine byte of Color Add RY
15	Color Add GY	255	
16	Color Add GY Fine	255	Fine byte of Color Add GY

Mode 2 - RGBAL (continued)

Ch	Function	Default	DMX values
17	C TO	110	0–1 8000 K 2–64 7978 K - > 6622 K 65–65 6600 K 66–109 6578K - > 5622 K 110–110 5600 K 111–179 5580 K - > 4220 K 180–180 4200 K 181–229 4180 K - > 3220 K 230–230 3200 K 231–254 3180 K - > 2720 K 255–255 2700K
18	Tint	128	0–0 Uncorrected white 1–127 Minus green - > Uncorrected white 128–128 Uncorrected white 129–255 Uncorrected white - > Plus green
19	Color Mix Mode	0	0–9 Virtual colours (Virtual has priority) 10–19 Maximum mode (highest values have priority) 20–29 Minimum mode (lowest values have priority) 30–39 Multiply mode (multiply Virtual and Colour mix) 40–49 Addition mode (Virtual + Colour mix) 50–59 Subtraction mode (Virtual - Colour mix) 60–69 Inverted Subtraction mode (Colour mix - Virtual) 70–79 White Point Off 80–128 Reserved 129–129 Crossfade Virtual only 130–254 Crossfade between Virtual and Colour mix 255–255 Crossfade Color mix only
20	Color Mix Mode	45	0–9 Global Colours (global has priority) 10–19 Maximum mode (highest values have priority) 20–29 Minimum mode (lowest values have priority) 30–39 Multiply mode (multiply Global and Pixel) 40–49 Addition mode (Global + Pixel) 50–59 Subtraction mode (Global - Pixel) 60–69 Inverted Subtraction mode (Pixel - Global) 70–79 White Point Off 80–127 Reserved 128–128 Global colours only (Global has priority) 129–254 Crossfade between Global and Pixel 255–255 Zone colours (Pixel has priority)
21	Shutter / Strobe	32	0–31 Shutter closed 32–63 Shutter open 64–94 Strobe min 95–95 Strobe max 96–127 Shutter open 128–142 Opening pulse slow 143–143 Opening pulse fast 144–158 Closing pulse fast 159–159 Closing pulse slow 160–191 Shutter open 192–222 Random strobe slow 223–223 Random strobe fast 224–255 Shutter open
22	Dimmer	0	0–254 Closed 255–255 Open
23	Dimmer Fine	0	Fine byte of Dimmer
24	Red	0	
25	Green	0	
26	Blue	0	
27	Red	0	

Mode 2 - RGBAL (continued)

Ch	Function	Default	DMX values
28	Green	0	
29	Blue	0	
30	Red	0	
31	Green	0	
32	Blue	0	
33	Red	0	
34	Green	0	
35	Blue	0	