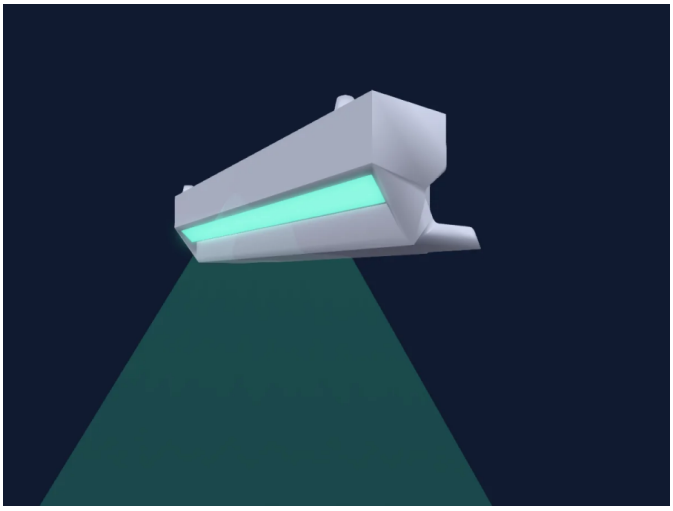
Prolights

EclCyclorama050



Manufacturer	**Prolights**
Type	**Cyc light**
DMX modes	**16**
DMX footprint	**1, 2, 4, 5, 6, 10, 12, 15, 17, 20, 21 channels**
Beam angle	**59.9°**
Size (W × H × D)	**500 × 119 × 148 mm**
GDTF fixture type	**C445A3C4-6264-48C6-A736-B2…**

Controls

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

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

1Ch_Theatre	1 ch
2ch_Theatre	2 ch
4ch_Theatre	4 ch
4ch_Tour	4 ch
5ch_Theatre	5 ch
6ch_Theatre	6 ch
6ch_Tour	6 ch
10ch_Theatre	10 ch
10ch_Tour	10 ch
12ch_Film	12 ch
15ch_Theatre	15 ch
15ch_Tour	15 ch
17ch_Theatre	17 ch
XY17ch_Film	17 ch
20ch_Film	20 ch
21ch_Theater	21 ch

1Ch_Theatre

1 channel

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open

2ch_Theatre

2 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Mode	0	0–51 DimmerSpeedAsMenu 52–101 DimmerSpeedOff 102–152 DimmerSpeedFast 153–203 DimmerSpeedMid 204–255 DimmerSpeedSlow

4ch_Theatre

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	0	0–31 2800K-3200K 32–63 3200K-3500K 64–95 3500K-4000K 96–127 4000K-4500K 128–159 4500K-5000K 160–191 5000K-5600K 192–223 5600K-6000K 224–255 6000K-6500K
3	Tint	0	0–1 Tint 0 2–127 Tint -25 128–254 Tint 0 255–255 Tint +25
4	Dimmer Mode	0	0–51 DimmerSpeedAsMenu 52–101 DimmerSpeedOff 102–152 DimmerSpeedFast 153–203 DimmerSpeedMid 204–255 DimmerSpeedSlow

4ch_Tour

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add WW	0	

5ch_Theatre

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open

5ch_Theatre (continued)

Ch	Function	Default	DMX values
2	C TC	0	0–31 2800K-3200K 32–63 3200K-3500K 64–95 3500K-4000K 96–127 4000K-4500K 128–159 4500K-5000K 160–191 5000K-5600K 192–223 5600K-6000K 224–255 6000K-6500K
3	Tint	0	0–1 Tint 0 2–127 Tint -25 128–254 Tint 0 255–255 Tint +25
4	Shutter / Strobe	0	0–10 Open 11–92 Shutter1Strobe · Slow 0.9–5.58 Hz 93–174 Shutter1Strobe · Mid 5.64–10.3 Hz 175–255 Shutter1Strobe · Fast 10.4–15 Hz
5	Dimmer Mode	0	0–51 DimmerSpeedAsMenu 52–101 DimmerSpeedOff 102–152 DimmerSpeedFast 153–203 DimmerSpeedMid 204–255 DimmerSpeedSlow

6ch_Theatre

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	0	0–31 2800K-3200K 32–63 3200K-3500K 64–95 3500K-4000K 96–127 4000K-4500K 128–159 4500K-5000K 160–191 5000K-5600K 192–223 5600K-6000K 224–255 6000K-6500K
3	Tint	0	0–1 Tint 0 2–127 Tint -25 128–254 Tint 0 255–255 Tint +25
4	Shutter / Strobe	0	0–10 Open 11–92 Shutter1Strobe · Slow 0.9–5.58 Hz 93–174 Shutter1Strobe · Mid 5.64–10.3 Hz 175–255 Shutter1Strobe · Fast 10.4–15 Hz
5	Color Macro1	0	0–2 NoFunction 3–5 TungstenEmulation 6–40 Red (wheel slot 1) 41–75 Red + Green (wheel slot 2) 76–110 Green (wheel slot 3) 111–145 Green + Blue (wheel slot 4) 146–180 Blue (wheel slot 5) 181–215 Blue + Red (wheel slot 6) 216–254 Red 1 (wheel slot 7) 255–255 RGB (wheel slot 8)
6	Dimmer Mode	0	0–51 DimmerSpeedAsMenu 52–101 DimmerSpeedOff 102–152 DimmerSpeedFast 153–203 DimmerSpeedMid 204–255 DimmerSpeedSlow

6ch_Tour

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	Color Add WW	0	
6	Shutter / Strobe	0	0–10 NoFunction 11–92 Shutter1Strobe · Slow 0.9–5.58 Hz 93–174 Shutter1Strobe · Mid 5.64–10.3 Hz 175–255 Shutter1Strobe · Fast 10.4–15 Hz

10ch_Theatre

10 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	Color Add WW	0	
6	C TC	0	0–30 2800K-3200K 31–60 3200K-3500K 61–90 3500K-4000K 91–120 4000K-4500K 121–150 4500K-5000K 151–180 5000K-5600K 181–210 5600K-6000K 211–240 6000K-6500K 241–255 NoFeature
7	Tint	0	0–1 Tint 0 2–127 Tint -25 128–254 Tint 0 255–255 Tint +25
8	Shutter / Strobe	0	0–10 Open 11–92 Shutter1Strobe · Slow 0.9–5.58 Hz 93–174 Shutter1Strobe · Mid 5.64–10.3 Hz 175–255 Shutter1Strobe · Fast 10.4–15 Hz
9	Color Macro1	0	0–2 NoFunction 3–5 TungstenEmulation 6–40 Red (wheel slot 1) 41–75 Red + Green (wheel slot 2) 76–110 Green (wheel slot 3) 111–145 Green + Blue (wheel slot 4) 146–180 Blue (wheel slot 5) 181–215 Blue + Red (wheel slot 6) 216–254 Red 1 (wheel slot 7) 255–255 RGB (wheel slot 8)
10	Dimmer Mode	0	0–51 DimmerSpeedAsMenu 52–101 DimmerSpeedOff 102–152 DimmerSpeedFast 153–203 DimmerSpeedMid 204–255 DimmerSpeedSlow

10ch_Tour

10 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	Color Add WW	0	
6	Shutter / Strobe	0	0–10 Open 11–92 Shutter1Strobe · Slow 0.9–5.58 Hz 93–174 Shutter1Strobe · Mid 5.64–10.3 Hz 175–255 Shutter1Strobe · Fast 10.4–15 Hz
7	C TC	0	0–5 NoFeature 6–30 2800K 31–55 3200K 56–80 3500K 81–105 4000K 106–130 4500K 131–155 5000K 156–180 5600K 181–205 6000K 206–230 6500K 231–255 NoFeature
8	Effect	0	0–10 NoFeature 11–60 AutoProgram1 61–110 AutoProgram2 111–160 AutoProgram3 161–210 AutoProgram4 211–255 AutoProgram5
9	Effect Speed	0	0–126 EffectRateSlow 127–254 EffectRateMid 255–255 EffectRateFast
10	Dimmer Mode	0	0–51 DimmerSpeedAsMenu 52–101 DimmerSpeedOff 102–152 DimmerSpeedFast 153–203 DimmerSpeedMid 204–255 DimmerSpeedSlow

12ch_Film

12 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	98	0–254 2800K 255–255 10000k
3	Tint	0	0–10 Neutral 11–20 FullMinus 21–119 MinusGreen 120–145 Neutral 146–244 PlusGreen 245–255 FullPlus
4	Color XFade	0	0–254 CTC 255–255 ColorMix
5	Red	255	
6	Green	255	
7	Blue	255	
8	Color Add WW	255	

12ch_Film (continued)

Ch	Function	Default	DMX values
9	Dummy	0	
10	Color Macro1	0	
11	Shutter / Strobe	0	0–19 Open 20–254 Strobe · Slow 1–24.9 Hz 255–255 Strobe · Fast 25 Hz
12	Control1	0	0–1 NoFeature 2–11 Reserved 1 12–13 600 Hz 14–15 1200 Hz 16–17 2000 Hz 18–19 4000 Hz 20–21 6000 Hz 22–23 25 kHz 24–35 Reserved 2 36–37 Off 38–39 Mode 1 40–41 Mode 2 42–43 Mode 3 44–45 Linear 46–47 S-Curve 48–49 Square Law 50–51 Inverse Square Law 52–53 High Res@Low 54–55 DIMMER END SNAP OFF @ END 56–57 DIMMER END FADE OFF @ END 58–59 Dynamic Output 60–61 Constant Output 62–253 Reserved 3 254–255 Reset All Control Channel

15ch_Theatre

15 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
7	Blue	255	
8	Blue Fine	255	Fine byte of Blue
9	Color Add WW	0	
10	Color Add WW Fine	0	Fine byte of Color Add WW
11	C TC	0	0–30 2800K-3200K 31–60 3200K-3500K 61–90 3500K-4000K 91–120 4000K-4500K 121–150 4500K-5000K 151–180 5000K-5600K 181–210 5600K-6000K 211–240 6000K-6500K 241–255 NoFeature

15ch_Theatre (continued)

Ch	Function	Default	DMX values
12	Tint	0	0–1 Tint 0 2–127 Tint -25 128–254 Tint 0 255–255 Tint +25
13	Shutter / Strobe	0	0–10 Open 11–92 Shutter1Strobe · Slow 0.9–5.58 Hz 93–174 Shutter1Strobe · Mid 5.64–10.3 Hz 175–255 Shutter1Strobe · Fast 10.4–15 Hz
14	Color Macro1	0	0–2 NoFunction 3–5 TungstenEmulation 6–40 Red (wheel slot 1) 41–75 Red + Green (wheel slot 2) 76–110 Green (wheel slot 3) 111–145 Green + Blue (wheel slot 4) 146–180 Blue (wheel slot 5) 181–215 Blue + Red (wheel slot 6) 216–254 Red 1 (wheel slot 7) 255–255 RGB (wheel slot 8)
15	Dimmer Mode	0	0–51 DimmerSpeedAsMenu 52–101 DimmerSpeedOff 102–152 DimmerSpeedFast 153–203 DimmerSpeedMid 204–255 DimmerSpeedSlow

15ch_Tour

15 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
7	Blue	255	
8	Blue Fine	255	Fine byte of Blue
9	Color Add WW	0	
10	Color Add WW Fine	0	Fine byte of Color Add WW
11	Shutter / Strobe	0	0–10 Open 11–92 Shutter1Strobe · Slow 0.9–5.58 Hz 93–174 Shutter1Strobe · Mid 5.64–10.3 Hz 175–255 Shutter1Strobe · Fast 10.4–15 Hz
12	C TC	0	0–5 NoFeature 6–30 2800K 31–55 3200K 56–80 3500K 81–105 4000K 106–130 4500K 131–155 5000K 156–180 5600K 181–205 6000K 206–230 6500K 231–255 NoFeature

15ch_Tour (continued)

Ch	Function	Default	DMX values
13	Effect	0	0–10 NoFeature 11–60 AutoProgram1 61–110 AutoProgram2 111–160 AutoProgram3 161–210 AutoProgram4 211–255 AutoProgram5
14	Effect Speed	0	0–126 EffectRateSlow 127–254 EffectRateMid 255–255 EffectRateFast
15	Dimmer Mode	0	0–51 DimmerSpeedAsMenu 52–101 DimmerSpeedOff 102–152 DimmerSpeedFast 153–203 DimmerSpeedMid 204–255 DimmerSpeedSlow

17ch_Theatre

17 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–30 Open 31–99 Shutter1Strobe · Slow 0.9–14.8 Hz 100–100 Shutter1Strobe · Fast 15 Hz 101–130 Open 131–199 Shutter1StrobeRandom · Slow 0.9–14.8 Hz 200–200 Shutter1StrobeRandom · Fast 15 Hz 201–255 Open
4	C TC	0	0–31 2800K-3200K 32–63 3200K-3500K 64–95 3500K-4000K 96–127 4000K-4500K 128–159 4500K-5000K 160–191 5000K-5600K 192–223 5600K-6000K 224–255 6000K-6500K
5	Tint	127	0–126 Tint -25 127–254 Tint 0 255–255 Tint +25
6	Color XFade	255	0–254 CTC 255–255 ColorMix
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 WW	0	
14	Color Add WW Fine	0	Fine byte of Color Add WW

17ch_Theatre (continued)

Ch	Function	Default	DMX values
15	Color Macro1	0	0–2 NoFunction 3–5 TungstenEmulation 6–40 Red (wheel slot 1) 41–75 Red + Green (wheel slot 2) 76–110 Green (wheel slot 3) 111–145 Green + Blue (wheel slot 4) 146–180 Blue (wheel slot 5) 181–215 Blue + Red (wheel slot 6) 216–254 Red 1 (wheel slot 7) 255–255 RGB (wheel slot 8)
16	Color Control	0	
17	Dimmer Mode	0	0–51 DimmerSpeedAsMenu 52–101 DimmerSpeedOff 102–152 DimmerSpeedFast 153–203 DimmerSpeedMid 204–255 DimmerSpeedSlow

XY17ch_Film

17 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	101	0–30 Closed 31–99 Strobe · Slow 0.5–29.6 Hz 100–100 Strobe · Fast 30 Hz 115–130 Open 131–199 Random · Slow 0.5–29.6 Hz 200–200 Random · Fast 30 Hz 201–255 Open

XY17ch_Film (continued)

Ch	Function	Default	DMX values
4	C TC	0	0–1 NoFeature 2–9 2800K - 3000K 10–16 3000K - 3200K 17–23 3200K - 3400K 24–30 3400K - 3600K 31–37 3600K - 3800K 38–44 3800K - 4000K 45–51 4000K - 4200K 52–58 4200K - 4400K 59–65 4400K - 4600K 66–72 4600K - 4800K 73–79 4800K - 5000K 80–88 5000K - 5200K 89–93 5200K - 5400K 94–100 5400K - 5600K 101–107 5600K - 5800K 108–114 5800K - 6000K 115–121 6000K - 6200K 122–128 6200K - 6400K 129–135 6400K - 6600K 136–142 6600K - 6800K 143–149 6800K - 7000K 150–156 7000K - 7200K 157–163 7200K - 7400K 164–170 7400K - 7600K 171–177 7600K - 7800K 178–184 7800K - 8000K 185–191 8000K - 8200K 192–198 8200K - 8400K 199–205 8400K - 8600K 206–212 8600K - 8800K 213–219 8800K - 9000K 220–226 9000K - 9200K 227–233 9200K - 9400K 234–240 9400K - 9600K 241–247 9600K - 9800K 248–255 9800K - 10000K
5	Tint	0	0–0 Tint 0 1–126 Tint -25 127–254 Tint 0 255–255 Tint 25
6	C IEX	128	
7	C IEX Fine	0	Fine byte of C IEX
8	C IEY	128	
9	C IEY Fine	0	Fine byte of C IEY
10	X YCrossfade	0	0–254 Layer_1 255–255 Layer_2
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Color Macro1	0	
16	Color Control	0	0–254 CTO On Colors off 255–255 CTO On Colors on

XY17ch_Film (continued)

Ch	Function	Default	DMX values
17	Control1	0	0–1 NoFeature 2–11 Reserved 1 12–13 600 Hz 14–15 1200 Hz 16–17 2000 Hz 18–19 4000 Hz 20–21 6000 Hz 22–23 25 kHz 24–35 Reserved 2 36–37 Off 38–39 Mode 1 40–41 Mode 2 42–43 Mode 3 44–45 Linear 46–47 S-Curve 48–49 Square Law 50–51 Inverse Square Law 52–53 High Res@Low 54–55 DIMMER END SNAP OFF @ END 56–57 DIMMER END FADE OFF @ END 58–59 Dynamic Output 60–61 Constant Output 62–253 Reserved 3 254–255 Reset All Control Channel

20ch_Film

20 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	98	0–254 2800K 255–255 10000k
4	C TC Fine	0	Fine byte of C TC
5	Tint	0	0–10 Neutral 11–20 FullMinus 21–119 MinusGreen 120–145 Neutral 146–244 PlusGreen 245–255 FullPlus
6	Tint Fine	0	Fine byte of Tint
7	Color XFade	0	0–254 CTC 255–255 ColorMix
8	Color XFade Fine	0	Fine byte of Color XFade
9	Red	255	
10	Red Fine	255	Fine byte of Red
11	Green	255	
12	Green Fine	255	Fine byte of Green
13	Blue	255	
14	Blue Fine	255	Fine byte of Blue
15	Color Add WW	255	
16	Color Add WW Fine	255	Fine byte of Color Add WW
17	Dummy	0	
18	Color Macro1	0	

20ch_Film (continued)

Ch	Function	Default	DMX values
19	Shutter / Strobe	0	0–19 Open 20–254 Strobe · Slow 1–24.9 Hz 255–255 Strobe · Fast 25 Hz
20	Control1	0	0–1 NoFeature 2–11 Reserved 1 12–13 600 Hz 14–15 1200 Hz 16–17 2000 Hz 18–19 4000 Hz 20–21 6000 Hz 22–23 25 kHz 24–35 Reserved 2 36–37 Off 38–39 Mode 1 40–41 Mode 2 42–43 Mode 3 44–45 Linear 46–47 S-Curve 48–49 Square Law 50–51 Inverse Square Law 52–53 High Res@Low 54–55 DIMMER END SNAP OFF @ END 56–57 DIMMER END FADE OFF @ END 58–59 Dynamic Output 60–61 Constant Output 62–253 Reserved 3 254–255 Reset All Control Channel

21ch_Theater

21 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	255	0–30 Closed 31–99 Strobe · Slow 0.5–29.6 Hz 100–100 Strobe · Fast 30 Hz 115–130 Open 131–199 Random · Slow 0.5–29.6 Hz 200–200 Random · Fast 30 Hz 201–255 Open
4	C TC	0	0–31 2800K-3200K 32–63 3200K-3500K 64–95 3500K-4000K 96–127 4000K-4500K 128–159 4500K-5000K 160–191 5000K-5600K 192–223 5600K-6000K 224–255 6000K-6500K
5	Tint	0	0–0 Tint 0 1–126 Tint -25 127–254 Tint 0 255–255 Tint 25
6	Color XFade	255	0–254 CTC 255–255 ColorMix
7	Red	255	
8	Red Fine	255	Fine byte of Red
9	Green	255	

21ch_Theater (continued)

Ch	Function	Default	DMX values
10	Green Fine	255	Fine byte of Green
11	Blue	255	
12	Blue Fine	255	Fine byte of Blue
13	Color Add WW	0	
14	Color Add WW Fine	0	Fine byte of Color Add WW
15	Color Macro1	0	
16	Color Control	0	0–254 CTO On Colors off 255–255 CTO On Colors on
17	Dimmer Mode	0	0–0 AsFromMenu 1–254 Snap 255–255 Smooth
18	Effect	0	0–10 NoFeature 11–20 Effect1 21–30 Effect2 31–40 Effect3 41–50 Effect4 51–60 Effect5 61–70 Candle 71–80 CopCar1 81–90 CopCar2 91–100 CopCar3 101–110 Fire 111–120 Fireworks 121–130 Paparazzi 131–140 Television 141–150 Party 151–160 Clouds 161–170 Club 171–180 ColorChase 181–190 Strobe 191–200 Lighting 201–210 Explosion 211–220 Fluorescent 221–230 Process 231–240 Pulsing 241–255 Welding
19	Effect Speed	0	0–126 Slow 127–254 Mid 255–255 Fast
20	Effects1Fade	0	0–254 Snap 255–255 Smooth

21ch_Theater (continued)

Ch	Function	Default	DMX values
21	Control1	0	0–1 NoFeature 2–11 Reserved 12–13 600 Hz 14–15 1200 Hz 16–17 2000 Hz 18–19 4000 Hz 20–21 6000 Hz 22–23 25 KHz 24–35 Reserved 36–37 Off 38–39 Mode 1 40–41 Mode 2 42–43 Mode 3 44–45 Linear 46–47 S-Curve 48–49 Square Law 50–51 Inverse Square Law 52–53 High Res@Low 54–55 DIMMER END SNAP OFF @ END 57–57 DIMMER END SNAP OFF @ END 58–59 Dynamic output 60–61 Constant output 62–253 Reserved 254–255 Controls Reset