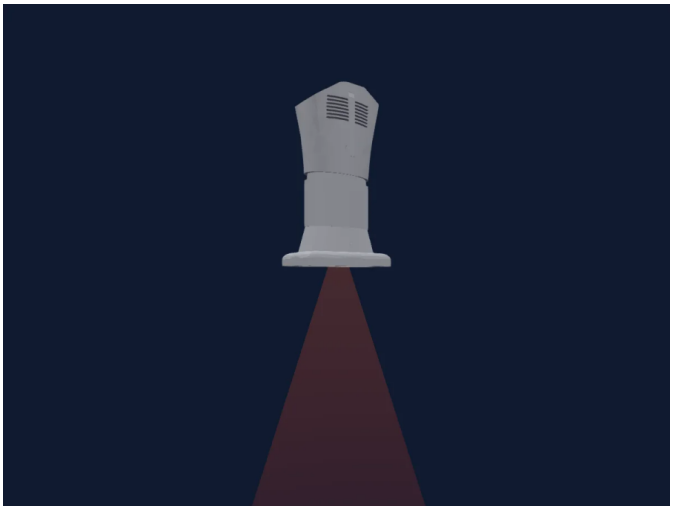
ETC

S4 Series 3 Daylight HDR 36Deg



Manufacturer	**ETC**
Type	**PAR**
DMX modes	**10**
DMX footprint	**1, 3, 7, 8, 9, 10, 11, 16, 17 channels**
Beam angle	**36°**
Size (W × H × D)	**175 × 267 × 29 mm**
GDTF fixture type	**C2F96942-C7DE-49C5-AFD5-3E…**

Controls

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

DMX modes

1ch	1 ch
3ch RGB	3 ch
Studio 8bit	7 ch
HSIC 8bit	8 ch
Studio 16bit	9 ch
Direct 8bit	10 ch
Expanded 8bit	11 ch
HSIC 16bit	11 ch
Expanded 16bit	16 ch
Direct 16bit	17 ch

1ch

1 channel

Ch	Function	Default	DMX values
1	Dimmer	0	

3ch RGB

3 channels

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

Studio 8bit

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	C TC	0	0–0 3200K 1–165 1900K - 6000K 166–254 6050K - 10450K 255–255 5600K
3	Tint	128	0–0 Neutral 1–127 + Green 128–128 Neutral 129–255 - Green
4	Color RGBQuality	0	0–49 Brightest 50–255 Spectral
5	Strobe Mode Shutter	0	0–0 Open 1–40 Dark Strobe 41–80 Bright Strobe 81–120 Pulse 121–160 Random 161–200 Flicker 201–240 Open 241–254 Closed 255–255 Open
6	Dimmer Curve	0	0–9 Incandescent 10–19 Linear 20–29 Incandescent Red Shift 30–39 Linear Red Shift 40–255 Quick
7	Fans	0	0–9 Fan Auto 10–19 Fan Off 20–20 Fan Min 21–248 Fan Intensity 249–249 Fan Max 250–255 Fan Auto

HSIC 8bit

8 channels

Ch	Function	Default	DMX values
1	H SBHue	0	
2	H SBHue Fine	0	Fine byte of H SBHue
3	H SBSaturation	0	
4	Dimmer	0	

HSIC 8bit (continued)

Ch	Function	Default	DMX values
5	C TC	0	0–0 3200K 1–165 1900K - 6000K 166–254 6050K - 10450K 255–255 5600K
6	Strobe Mode Shutter	0	0–0 Open 1–40 Dark Strobe 41–80 Bright Strobe 81–120 Pulse 121–160 Random 161–200 Flicker 201–240 Open 241–254 Closed 255–255 Open
7	Dimmer Curve	0	0–9 Incandescent 10–19 Linear 20–29 Incandescent Red Shift 30–39 Linear Red Shift 40–255 Quick
8	Fans	0	0–9 Fan Auto 10–19 Fan Off 20–20 Fan Min 21–248 Fan Intensity 249–249 Fan Max 250–255 Fan Auto

Studio 16bit

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	0	0–0 3200K 1–165 1900K - 6000K 166–254 6050K - 10450K 255–255 5600K
4	C TC Fine	0	Fine byte of C TC
5	Tint	128	0–0 Neutral 1–127 + Green 128–128 Neutral 129–255 - Green
6	Color RGBQuality	0	0–49 Brightest 50–255 Spectral
7	Strobe Mode Shutter	0	0–0 Open 1–40 Dark Strobe 41–80 Bright Strobe 81–120 Pulse 121–160 Random 161–200 Flicker 201–240 Open 241–254 Closed 255–255 Open
8	Dimmer Curve	0	0–9 Incandescent 10–19 Linear 20–29 Incandescent Red Shift 30–39 Linear Red Shift 40–255 Quick

Studio 16bit (continued)

Ch	Function	Default	DMX values
9	Fans	0	0–9 Fan Auto 10–19 Fan Off 20–20 Fan Min 21–248 Fan Intensity 249–249 Fan Max 250–255 Fan Auto

Direct 8bit

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Color Add DR	255	
3	Red	255	
4	Color Add Mn	255	
5	Color Add C	255	
6	Blue	255	
7	Color Add I	255	
8	Strobe Mode Shutter	0	0–0 Open 1–40 Dark Strobe 41–80 Bright Strobe 81–120 Pulse 121–160 Random 161–200 Flicker 201–240 Open 241–254 Closed 255–255 Open
9	Dimmer Curve	0	0–9 Incandescent 10–19 Linear 20–29 Incandescent Red Shift 30–39 Linear Red Shift 40–255 Quick
10	Fans	0	0–9 Fan Auto 10–19 Fan Off 20–20 Fan Min 21–248 Fan Intensity 249–249 Fan Max 250–255 Fan Auto

Expanded 8bit

11 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	C TC	0	0–0 3200K 1–165 1900K - 6000K 166–254 6050K - 10450K 255–255 5600K
3	Tint	128	0–0 Neutral 1–127 + Green 128–128 Neutral 129–255 - Green
4	Color RGBQuality	0	0–49 Brightest 50–255 Spectral
5	Color Mix Mode	0	0–0 Color Temp 1–254 Color XF 255–255 Color Mix

Expanded 8bit (continued)

Ch	Function	Default	DMX values
6	Red	255	
7	Green	255	
8	Blue	255	
9	Strobe Mode Shutter	0	0–0 Open 1–40 Dark Strobe 41–80 Bright Strobe 81–120 Pulse 121–160 Random 161–200 Flicker 201–240 Open 241–254 Closed 255–255 Open
10	Dimmer Curve	0	0–9 Incandescent 10–19 Linear 20–29 Incandescent Red Shift 30–39 Linear Red Shift 40–255 Quick
11	Fans	0	0–9 Fan Auto 10–19 Fan Off 20–20 Fan Min 21–248 Fan Intensity 249–249 Fan Max 250–255 Fan Auto

HSIC 16bit

11 channels

Ch	Function	Default	DMX values
1	H SBHue	0	
2	H SBHue Fine	0	Fine byte of H SBHue
3	H SBSaturation	0	
4	H SBSaturation Fine	0	Fine byte of H SBSaturation
5	Dimmer	0	
6	Dimmer Fine	0	Fine byte of Dimmer
7	C TC	0	0–0 3200K 1–165 1900K - 6000K 166–254 6050K - 10450K 255–255 5600K
8	C TC Fine	0	Fine byte of C TC
9	Strobe Mode Shutter	0	0–0 Open 1–40 Dark Strobe 41–80 Bright Strobe 81–120 Pulse 121–160 Random 161–200 Flicker 201–240 Open 241–254 Closed 255–255 Open
10	Dimmer Curve	0	0–9 Incandescent 10–19 Linear 20–29 Incandescent Red Shift 30–39 Linear Red Shift 40–255 Quick

HSIC 16bit (continued)

Ch	Function	Default	DMX values
11	Fans	0	0–9 Fan Auto 10–19 Fan Off 20–20 Fan Min 21–248 Fan Intensity 249–249 Fan Max 250–255 Fan Auto

Expanded 16bit

16 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	0	0–0 3200K 1–165 1900K - 6000K 166–254 6050K - 10450K 255–255 5600K
4	C TC Fine	0	Fine byte of C TC
5	Tint	128	0–0 Neutral 1–127 + Green 128–128 Neutral 129–255 - Green
6	Color RGBQuality	0	0–49 Brightest 50–255 Spectral
7	Color Mix Mode	0	0–0 Color Temp 1–254 Color XF 255–255 Color Mix
8	Red	255	
9	Red Fine	255	Fine byte of Red
10	Green	255	
11	Green Fine	255	Fine byte of Green
12	Blue	255	
13	Blue Fine	255	Fine byte of Blue
14	Strobe Mode Shutter	0	0–0 Open 1–40 Dark Strobe 41–80 Bright Strobe 81–120 Pulse 121–160 Random 161–200 Flicker 201–240 Open 241–254 Closed 255–255 Open
15	Dimmer Curve	0	0–9 Incandescent 10–19 Linear 20–29 Incandescent Red Shift 30–39 Linear Red Shift 40–255 Quick
16	Fans	0	0–9 Fan Auto 10–19 Fan Off 20–20 Fan Min 21–248 Fan Intensity 249–249 Fan Max 250–255 Fan Auto

Direct 16bit

17 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Color Add DR	255	
4	Color Add DR Fine	255	Fine byte of Color Add DR
5	Red	255	
6	Red Fine	255	Fine byte of Red
7	Color Add Mn	255	
8	Color Add Mn Fine	255	Fine byte of Color Add Mn
9	Color Add C	255	
10	Color Add C Fine	255	Fine byte of Color Add C
11	Blue	255	
12	Blue Fine	255	Fine byte of Blue
13	Color Add I	255	
14	Color Add I Fine	255	Fine byte of Color Add I
15	Strobe Mode Shutter	0	0–0 Open 1–40 Dark Strobe 41–80 Bright Strobe 81–120 Pulse 121–160 Random 161–200 Flicker 201–240 Open 241–254 Closed 255–255 Open
16	Dimmer Curve	0	0–9 Incandescent 10–19 Linear 20–29 Incandescent Red Shift 30–39 Linear Red Shift 40–255 Quick
17	Fans	0	0–9 Fan Auto 10–19 Fan Off 20–20 Fan Min 21–248 Fan Intensity 249–249 Fan Max 250–255 Fan Auto