ETC

D40 Vivid



Manufacturer	**ETC**
Type	**PAR**
DMX modes	**18**
DMX footprint	**3, 4, 5, 6, 8, 9, 14 channels**
Beam angle	**10.5°**
Size (W × H × D)	**272 × 263 × 359 mm**
GDTF fixture type	**3DBB2805-3ECF-5B08-ADC1-9F…**

Controls

Extra LED colours · Hue and saturation · RGB colour mixing · Colour temperature · Dimmer

DMX modes

RGB	3 ch
Studio	3 ch
HSI	4 ch
HSI Strobe	5 ch
RGB Strobe	5 ch
Studio Strobe	5 ch
HSIC	6 ch
HSIC Strobe	6 ch
Direct	8 ch
Direct Strobe	9 ch
HSI Plus7	14 ch
HSI Strobe Plus7	14 ch
HSIC Plus7	14 ch
HSIC Strobe Plus7	14 ch
RGB Plus7	14 ch
RGB Strobe Plus7	14 ch
Studio Plus7	14 ch
Studio Strobe Plus7	14 ch

RGB

3 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	

Studio

3 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	C TC	0	
3	Control	128	0–1 Neutral white 2–127 Full plus-green to neutral white 128–128 Neutral white 129–255 Neutral white to full minus-green full magenta

HSI

4 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 SBBrightness	0	

HSI Strobe

5 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 SBBrightness	0	
5	Shutter / Strobe	0	0–0 No strobe 1–254 Strobe slowly to faster 255–255 No strobe

RGB Strobe

5 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	No Feature	0	
5	Shutter / Strobe	0	0–0 No strobe 1–254 Strobe slowly to faster 255–255 No strobe

Studio Strobe

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	

Studio Strobe (continued)

Ch	Function	Default	DMX values
2	C TC	0	
3	Control	128	0–1 Neutral white 2–127 Full plus-green to neutral white 128–128 Neutral white 129–255 Neutral white to full minus-green full magenta
4	No Feature	0	
5	Shutter / Strobe	0	0–0 No strobe 1–254 Strobe slowly to faster 255–255 No strobe

HSIC

6 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 SBBrightness	0	
5	No Feature	0	
6	C TC	0	

HSIC Strobe

6 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 SBBrightness	0	
5	Shutter / Strobe	0	0–0 No strobe 1–254 Strobe slowly to faster 255–255 No strobe
6	C TC	0	

Direct

8 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Color Add RO	0	
3	Amber	0	
4	Green	0	
5	Color Add C	0	
6	Blue	0	
7	Color Add Indigo	0	
8	Dimmer	0	

Direct Strobe

9 channels

Ch	Function	Default	DMX values
1	Red	0	

Direct Strobe (continued)

Ch	Function	Default	DMX values
2	Color Add RO	0	
3	Amber	0	
4	Green	0	
5	Color Add C	0	
6	Blue	0	
7	Color Add Indigo	0	
8	Dimmer	0	
9	Shutter / Strobe	0	0–0 No strobe 1–254 Strobe slowly to faster 255–255 No strobe

HSI Plus7

14 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 SBBrightness	0	
5	No Feature	0	
6	No Feature	0	
7	Control	0	0–129 Plus Seven disabled 130–255 Plus Seven enabled
8	No Feature	128	0–127 Decrease Red from initialmix tozero 128–128 No change Red from initialmix 129–255 Increase Red from initialmix tofull
9	No Feature	128	0–127 Decrease Red-orange from initialmix tozero 128–128 No change Red-orange from initialmix 129–255 Increase Red-orange from initialmix tofull
10	No Feature	128	0–127 Decrease Amber from initialmix tozero 128–128 No change Amber from initialmix 129–255 Increase Amber from initialmix tofull
11	No Feature	128	0–127 Decrease Green from initialmix tozero 128–128 No change Green from initialmix 129–255 Increase Green from initialmix tofull
12	No Feature	128	0–127 Decrease Cyan from initialmix tozero 128–128 No change Cyan from initialmix 129–255 Increase Cyan from initialmix tofull
13	No Feature	128	0–127 Decrease Blue from initialmix tozero 128–128 No change Blue from initialmix 129–255 Increase Blue from initialmix tofull
14	No Feature	128	0–127 Decrease Indigo from initialmix tozero 128–128 No change Indigo from initialmix 129–255 Increase Indigo from initialmix tofull

HSI Strobe Plus7

14 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 SBBrightness	0	

HSI Strobe Plus7 (continued)

Ch	Function	Default	DMX values
5	Shutter / Strobe	0	0–0 No strobe 1–254 Strobe slowly to faster 255–255 No strobe
6	No Feature	0	
7	Control	0	0–129 Plus Seven disabled 130–255 Plus Seven enabled
8	No Feature	128	0–127 Decrease Red from initialmix tozero 128–128 No change Red from initialmix 129–255 Increase Red from initialmix tofull
9	No Feature	128	0–127 Decrease Red-orange from initialmix tozero 128–128 No change Red-orange from initialmix 129–255 Increase Red-orange from initialmix tofull
10	No Feature	128	0–127 Decrease Amber from initialmix tozero 128–128 No change Amber from initialmix 129–255 Increase Amber from initialmix tofull
11	No Feature	128	0–127 Decrease Green from initialmix tozero 128–128 No change Green from initialmix 129–255 Increase Green from initialmix tofull
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HSIC Plus7

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1	H SBHue	0	
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5	No Feature	0	
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10	No Feature	128	0–127 Decrease Amber from initialmix tozero 128–128 No change Amber from initialmix 129–255 Increase Amber from initialmix tofull
11	No Feature	128	0–127 Decrease Green from initialmix tozero 128–128 No change Green from initialmix 129–255 Increase Green from initialmix tofull

HSIC Plus7 (continued)

Ch	Function	Default	DMX values
12	No Feature	128	0–127 Decrease Cyan from initialmix tozero 128–128 No change Cyan from initialmix 129–255 Increase Cyan from initialmix tofull
13	No Feature	128	0–127 Decrease Blue from initialmix tozero 128–128 No change Blue from initialmix 129–255 Increase Blue from initialmix tofull
14	No Feature	128	0–127 Decrease Indigo from initialmix tozero 128–128 No change Indigo from initialmix 129–255 Increase Indigo from initialmix tofull

HSIC Strobe Plus7

14 channels

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1	H SBHue	0	
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5	Shutter / Strobe	0	0–0 No strobe 1–254 Strobe slowly to faster 255–255 No strobe
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13	No Feature	128	0–127 Decrease Blue from initialmix tozero 128–128 No change Blue from initialmix 129–255 Increase Blue from initialmix tofull
14	No Feature	128	0–127 Decrease Indigo from initialmix tozero 128–128 No change Indigo from initialmix 129–255 Increase Indigo from initialmix tofull

RGB Plus7

14 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	No Feature	0	

RGB Plus7 (continued)

Ch	Function	Default	DMX values
5	No Feature	0	
6	No Feature	0	
7	Control	0	0–129 Plus Seven disabled 130–255 Plus Seven enabled
8	No Feature	128	0–127 Decrease Red from initialmix tozero 128–128 No change Red from initialmix 129–255 Increase Red from initialmix tofull
9	No Feature	128	0–127 Decrease Red-orange from initialmix tozero 128–128 No change Red-orange from initialmix 129–255 Increase Red-orange from initialmix tofull
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13	No Feature	128	0–127 Decrease Blue from initialmix tozero 128–128 No change Blue from initialmix 129–255 Increase Blue from initialmix tofull
14	No Feature	128	0–127 Decrease Indigo from initialmix tozero 128–128 No change Indigo from initialmix 129–255 Increase Indigo from initialmix tofull

RGB Strobe Plus7

14 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	No Feature	0	
5	Shutter / Strobe	0	0–0 No strobe 1–254 Strobe slowly to faster 255–255 No strobe
6	No Feature	0	
7	Control	0	0–129 Plus Seven disabled 130–255 Plus Seven enabled
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11	No Feature	128	0–127 Decrease Green from initialmix tozero 128–128 No change Green from initialmix 129–255 Increase Green from initialmix tofull

RGB Strobe Plus7 (continued)

Ch	Function	Default	DMX values
12	No Feature	128	0–127 Decrease Cyan from initialmix tozero 128–128 No change Cyan from initialmix 129–255 Increase Cyan from initialmix tofull
13	No Feature	128	0–127 Decrease Blue from initialmix tozero 128–128 No change Blue from initialmix 129–255 Increase Blue from initialmix tofull
14	No Feature	128	0–127 Decrease Indigo from initialmix tozero 128–128 No change Indigo from initialmix 129–255 Increase Indigo from initialmix tofull

Studio Plus7

14 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	C TC	0	
3	Control	128	0–1 Neutral white 2–127 Full plus-green to neutral white 128–128 Neutral white 129–255 Neutral white to full minus-green full magenta
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Studio Strobe Plus7

14 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
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Studio Strobe Plus7 (continued)

Ch	Function	Default	DMX values
3	Control	128	0–1 Neutral white 2–127 Full plus-green to neutral white 128–128 Neutral white 129–255 Neutral white to full minus-green full magenta
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Fixture model: gdtf-etc-d40-vivid-2000061109
Original approximate HitLight D40 shared-family housing built from owned parametric source; Vivid native array and all18configurations transc…
Creator: HitLight