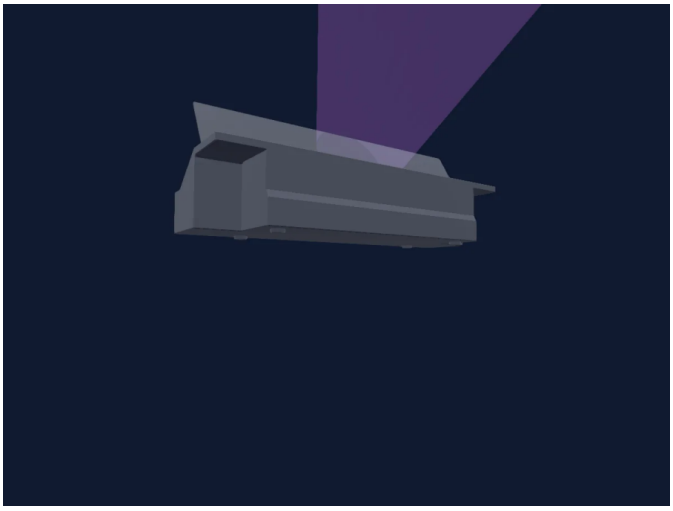
Leding

ColorCYC 180



Manufacturer	**Leding**
Type	**PAR**
DMX modes	**6**
DMX footprint	**3, 7, 8, 10, 13, 20 channels**
Beam angle	**35°**
Size (W × H × D)	**530 × 187 × 170 mm**
GDTF fixture type	**EF2612CE-95A4-4BD4-AE5C-3F…**

Controls

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

Safety-relevant functions

Fixture reset

DMX modes

BASIC	3 ch
HSIC	7 ch
SSP	8 ch
CMY	10 ch
TOUR	13 ch
TR16	20 ch

BASIC

3 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C OLORMIXER	63	
3	C OLORTEMPERATURE	0	0–9 No Color 10–24 1800K (wheel slot 1) 25–39 2200K (wheel slot 2) 40–54 2700K (wheel slot 3) 55–69 3000K (wheel slot 4) 70–84 3200K (wheel slot 5) 85–99 4000K (wheel slot 6) 100–114 4500K (wheel slot 7) 115–129 5000K (wheel slot 8) 130–144 5600K (wheel slot 9) 145–159 6000K (wheel slot 10) 160–174 6500K (wheel slot 11) 175–189 7000K (wheel slot 12) 190–204 8000K (wheel slot 13) 205–255 10000K (wheel slot 14)

HSIC

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	H SBHue	47	
3	H SBHue Fine	47	Fine byte of H SBHue
4	H SBSaturation	112	
5	C OLORTEMPERATURE	0	0–9 No Color 10–24 1800K (wheel slot 1) 25–39 2200K (wheel slot 2) 40–54 2700K (wheel slot 3) 55–69 3000K (wheel slot 4) 70–84 3200K (wheel slot 5) 85–99 4000K (wheel slot 6) 100–114 4500K (wheel slot 7) 115–129 5000K (wheel slot 8) 130–144 5600K (wheel slot 9) 145–159 6000K (wheel slot 10) 160–174 6500K (wheel slot 11) 175–189 7000K (wheel slot 12) 190–204 8000K (wheel slot 13) 205–255 10000K (wheel slot 14)
6	Shutter / Strobe	0	0–9 open 10–98 min Strobe 99–99 max Strobe 100–109 open (2) 110–178 min Pulse 179–179 max Pulse 180–189 open (3) 190–254 Shutter1StrobeRandom 6 · min Rnd 0.1–9.85 Hz 255–255 Shutter1StrobeRandom 6 · max Rnd 10 Hz

HSIC (continued)

Ch	Function	Default	DMX values
7	Fixture Global Reset	0	0–10 No Function 11–60 Reserved 61–70 Live 71–80 Studio 81–90 Power 91–100 Reserved (2) 101–110 Dimmer Off 111–120 Dimmer 4 121–150 Reserved (3) 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 All Reset 211–255 Rserved (4)

SSP

8 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 RY	255	
6	Color Add GY	255	
7	Color Add C	255	
8	Shutter / Strobe	0	0–9 open 10–98 min Strobe 99–99 max Strobe 100–109 open (2) 110–178 min Pulse 179–179 max Pulse 180–189 open (3) 190–254 Shutter1StrobeRandom 6 · min Rnd 0.1–9.85 Hz 255–255 Shutter1StrobeRandom 6 · max Rnd 10 Hz

CMY

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	0	
3	Green	0	
4	Blue	0	
5	C OLORMIXER	0	

CMY (continued)

Ch	Function	Default	DMX values
6	C OLORTEMPERATURE	0	0–9 No Color 10–24 1800K (wheel slot 1) 25–39 2200K (wheel slot 2) 40–54 2700K (wheel slot 3) 55–69 3000K (wheel slot 4) 70–84 3200K (wheel slot 5) 85–99 4000K (wheel slot 6) 100–114 4500K (wheel slot 7) 115–129 5000K (wheel slot 8) 130–144 5600K (wheel slot 9) 145–159 6000K (wheel slot 10) 160–174 6500K (wheel slot 11) 175–189 7000K (wheel slot 12) 190–204 8000K (wheel slot 13) 205–255 10000K (wheel slot 14)
7	A UTOPROGRAM	0	0–40 No Function 41–50 Auto 1 51–60 Auto 2 61–70 Auto 3 71–80 Auto 4 81–90 Auto 5 91–100 Auto 6 101–110 Auto 7 111–120 Auto 8 121–130 Auto 9 131–140 Auto 10 141–150 Program 1 151–160 Program 2 161–255 No Function (2)
8	A UTOSPEED	0	
9	Shutter / Strobe	0	0–9 open 10–98 min Strobe 99–99 max Strobe 100–109 open (2) 110–178 min Pulse 179–179 max Pulse 180–189 open (3) 190–254 Shutter1StrobeRandom 6 · min Rnd 0.1–9.85 Hz 255–255 Shutter1StrobeRandom 6 · max Rnd 10 Hz
10	Fixture Global Reset	0	0–10 No Function 11–60 Reserved 61–70 Live 71–80 Studio 81–90 Power 91–100 Reserved (2) 101–110 Dimmer Off 111–120 Dimmer 4 121–150 Reserved (3) 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 All Reset 211–255 Rserved (4)

TOUR

13 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 RY	255	
6	Color Add GY	255	
7	Color Add C	255	
8	C OLORMIXER	0	
9	C OLORTEMPERATURE	0	0–9 No Color 10–24 1800K (wheel slot 1) 25–39 2200K (wheel slot 2) 40–54 2700K (wheel slot 3) 55–69 3000K (wheel slot 4) 70–84 3200K (wheel slot 5) 85–99 4000K (wheel slot 6) 100–114 4500K (wheel slot 7) 115–129 5000K (wheel slot 8) 130–144 5600K (wheel slot 9) 145–159 6000K (wheel slot 10) 160–174 6500K (wheel slot 11) 175–189 7000K (wheel slot 12) 190–204 8000K (wheel slot 13) 205–255 10000K (wheel slot 14)
10	A UTOPROGRAM	0	0–40 No Function 41–50 Auto 1 51–60 Auto 2 61–70 Auto 3 71–80 Auto 4 81–90 Auto 5 91–100 Auto 6 101–110 Auto 7 111–120 Auto 8 121–130 Auto 9 131–140 Auto 10 141–150 Program 1 151–160 Program 2 161–255 No Function (2)
11	A UTOSPEED	0	
12	Shutter / Strobe	0	0–9 open 10–98 min Strobe 99–99 max Strobe 100–109 open (2) 110–178 min Pulse 179–179 max Pulse 180–189 open (3) 190–254 Shutter1StrobeRandom 6 · min Rnd 0.1–9.85 Hz 255–255 Shutter1StrobeRandom 6 · max Rnd 10 Hz

TOUR (continued)

Ch	Function	Default	DMX values
13	Fixture Global Reset	0	0–10 No Function 11–60 Reserved 61–70 Live 71–80 Studio 81–90 Power 91–100 Reserved (2) 101–110 Dimmer Off 111–120 Dimmer 4 121–150 Reserved (3) 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 All Reset 211–255 Rserved (4)

TR16

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	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 RY	255	
10	Color Add RY Fine	255	Fine byte of Color Add RY
11	Color Add GY	255	
12	Color Add GY Fine	255	Fine byte of Color Add GY
13	Color Add C	255	
14	Color Add C Fine	255	Fine byte of Color Add C
15	C OLORMIXER	0	
16	C OLORTEMPERATURE	0	0–9 No Color 10–24 1800K (wheel slot 1) 25–39 2200K (wheel slot 2) 40–54 2700K (wheel slot 3) 55–69 3000K (wheel slot 4) 70–84 3200K (wheel slot 5) 85–99 4000K (wheel slot 6) 100–114 4500K (wheel slot 7) 115–129 5000K (wheel slot 8) 130–144 5600K (wheel slot 9) 145–159 6000K (wheel slot 10) 160–174 6500K (wheel slot 11) 175–189 7000K (wheel slot 12) 190–204 8000K (wheel slot 13) 205–255 10000K (wheel slot 14)

TR16 (continued)

Ch	Function	Default	DMX values
17	A UTOPROGRAM	0	0–40 No Function 41–50 Auto 1 51–60 Auto 2 61–70 Auto 3 71–80 Auto 4 81–90 Auto 5 91–100 Auto 6 101–110 Auto 7 111–120 Auto 8 121–130 Auto 9 131–140 Auto 10 141–150 Program 1 151–160 Program 2 161–255 No Function (2)
18	A UTOSPEED	0	
19	Shutter / Strobe	0	0–9 open 10–98 min Strobe 99–99 max Strobe 100–109 open (2) 110–178 min Pulse 179–179 max Pulse 180–189 open (3) 190–254 Shutter1StrobeRandom 6 · min Rnd 0.1–9.85 Hz 255–255 Shutter1StrobeRandom 6 · max Rnd 10 Hz
20	Fixture Global Reset	0	0–10 No Function 11–60 Reserved 61–70 Live 71–80 Studio 81–90 Power 91–100 Reserved (2) 101–110 Dimmer Off 111–120 Dimmer 4 121–150 Reserved (3) 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 All Reset 211–255 Rserved (4)