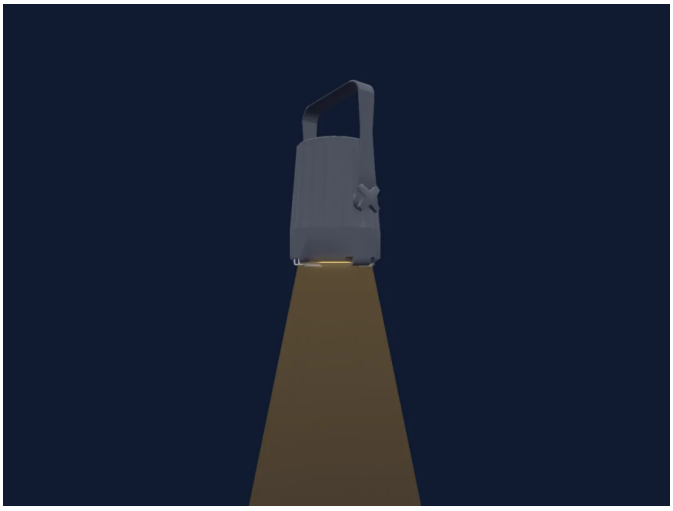
Leding

Stellar



Manufacturer	**Leding**
Type	**PAR**
DMX modes	**4**
DMX footprint	**9, 12, 17 channels**
Beam angle	**4.5-45°**
Size (W × H × D)	**215 × 449 × 173 mm**
GDTF fixture type	**C445E542-687B-483A-A3D1-81…**

Controls

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

Safety-relevant functions

Fixture reset

DMX modes

HSIC	9 ch
SSP	9 ch
TOUR	12 ch
TR16	17 ch

HSIC

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
2	H SBHue	0	
3	H SBHue Fine	0	Fine byte of H SBHue
4	H SBSaturation	0	
5	C OLORMIXER	0	0–10 Normal 11–30 Red 100%/green up/blue 0% 31–50 Red down/green 100%/blue 0% 51–70 Red 0%/green 100%/blue up 71–90 Red 0%/green down/blue 100% 91–110 Red up/green 0%/blue 100% 111–130 Red 100%/green 0%/blue down 131–150 Red 100%/green up/blue up 151–170 Red down/green down/blue 100% 171–200 RGBW 100% 201–205 White 1 206–210 White 2 211–215 White 3 216–220 White 4 221–225 White 5 226–230 White 6 231–235 White 7 236–240 White 8 241–245 White 9 246–250 White 10 251–255 White 11
6	Shutter / Strobe	0	0–9 open 10–98 min Strobe 99–99 max Strobe 100–109 open (2) 110–179 Strobe_Lightning 4 · lightning 180–188 open (3) 190–254 Shutter1StrobeRandom 6 · min Rnd 0.25–9.85 Hz 255–255 Shutter1StrobeRandom 6 · max Rnd 10 Hz
7	Zoom	128	0–127 narrow 128–254 normal 255–255 wide
8	Zoom Reset	0	
9	Dimmer Curve	0	0–9 From menu 10–29 Linear 30–69 Non linear 1 70–129 Non linear 2 130–189 Non linear 3 190–255 Non linear 4

SSP

9 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	White	255	

SSP (continued)

Ch	Function	Default	DMX values
6	Shutter / Strobe	0	0–9 open 10–98 min Strobe 99–99 max Strobe 100–109 open (2) 110–179 Strobe_Lightning 4 · lightning 180–188 open (3) 190–254 Shutter1StrobeRandom 6 · min Rnd 0.25–9.85 Hz 255–255 Shutter1StrobeRandom 6 · max Rnd 10 Hz
7	Zoom	128	0–127 narrow 128–254 normal 255–255 wide
8	Zoom Reset	0	
9	Dimmer Curve	0	0–9 From menu 10–29 Linear 30–69 Non linear 1 70–129 Non linear 2 130–189 Non linear 3 190–255 Non linear 4

TOUR

12 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	White	255	
6	C OLORMIXER	0	0–10 Normal 11–30 Red 100%/green up/blue 0% 31–50 Red down/green 100%/blue 0% 51–70 Red 0%/green 100%/blue up 71–90 Red 0%/green down/blue 100% 91–110 Red up/green 0%/blue 100% 111–130 Red 100%/green 0%/blue down 131–150 Red 100%/green up/blue up 151–170 Red down/green down/blue 100% 171–200 RGBW 100% 201–205 White 1 206–210 White 2 211–215 White 3 216–220 White 4 221–225 White 5 226–230 White 6 231–235 White 7 236–240 White 8 241–245 White 9 246–250 White 10 251–255 White 11
7	Shutter / Strobe	0	0–9 open 10–98 min Strobe 99–99 max Strobe 100–109 open (2) 110–179 Strobe_Lightning 4 · lightning 180–188 open (3) 190–254 Shutter1StrobeRandom 6 · min Rnd 0.25–9.85 Hz 255–255 Shutter1StrobeRandom 6 · max Rnd 10 Hz

TOUR (continued)

Ch	Function	Default	DMX values
8	C OLORMIXER2	0	0–40 NoFeature 1 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 Custom 1 151–160 Custom 2 161–170 Custom 3 171–180 Custom 4 181–190 Custom 5 191–200 Custom 6 201–210 Custom 7 211–220 Custom 8 221–230 Custom 9 231–255 Custom 10
9	C OLORMIXMACRORATE	0	0–254 min Macro Rate 255–255 max Macro Rate
10	Zoom	128	0–127 narrow 128–254 normal 255–255 wide
11	Zoom Reset	0	
12	Dimmer Curve	0	0–9 From menu 10–29 Linear 30–69 Non linear 1 70–129 Non linear 2 130–189 Non linear 3 190–255 Non linear 4

TR16

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	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	White	255	
10	White Fine	255	Fine byte of White

TR16 (continued)

Ch	Function	Default	DMX values
11	C OLORMIXER	0	0–10 Normal 11–30 Red 100%/green up/blue 0% 31–50 Red down/green 100%/blue 0% 51–70 Red 0%/green 100%/blue up 71–90 Red 0%/green down/blue 100% 91–110 Red up/green 0%/blue 100% 111–130 Red 100%/green 0%/blue down 131–150 Red 100%/green up/blue up 151–170 Red down/green down/blue 100% 171–200 RGBW 100% 201–205 White 1 206–210 White 2 211–215 White 3 216–220 White 4 221–225 White 5 226–230 White 6 231–235 White 7 236–240 White 8 241–245 White 9 246–250 White 10 251–255 White 11
12	Shutter / Strobe	0	0–9 open 10–98 min Strobe 99–99 max Strobe 100–109 open (2) 110–179 Strobe_Lightning 4 · lightning 180–188 open (3) 190–254 Shutter1StrobeRandom 6 · min Rnd 0.25–9.85 Hz 255–255 Shutter1StrobeRandom 6 · max Rnd 10 Hz
13	C OLORMIXER2	0	0–40 NoFeature 1 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 Custom 1 151–160 Custom 2 161–170 Custom 3 171–180 Custom 4 181–190 Custom 5 191–200 Custom 6 201–210 Custom 7 211–220 Custom 8 221–230 Custom 9 231–255 Custom 10
14	C OLORMIXMACRORATE	0	0–254 min Macro Rate 255–255 max Macro Rate
15	Zoom	128	0–127 narrow 128–254 normal 255–255 wide
16	Zoom Reset	0	

TR16 (continued)

Ch	Function	Default	DMX values
17	Dimmer Curve	0	0–9 From menu 10–29 Linear 30–69 Non linear 1 70–129 Non linear 2 130–189 Non linear 3 190–255 Non linear 4