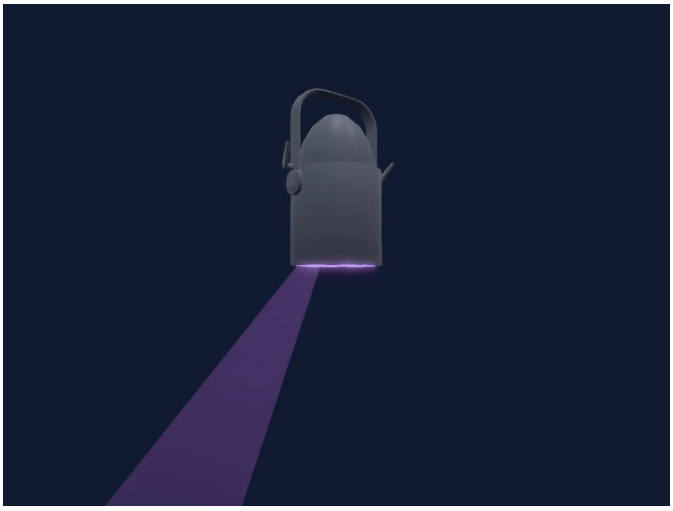
Cameo

STUDIO PAR 6 G2



Manufacturer	**Cameo**
Type	**PAR**
DMX modes	**9**
DMX footprint	**1, 3, 4, 6, 10, 12, 14, 18 channels**
Beam angle	**21°**
Pan range	**540°**
Tilt range	**300°**
Size (W × H × D)	**170 × 300 × 170 mm**
GDTF fixture type	**EE859CD0-5265-4B26-A64C-41…**

Controls

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

Safety-relevant functions

Fixture reset · Service functions

DMX modes

1 CH Dim (User Color 1)	1 ch
D3 CH Macro	3 ch
4 CH Strobe Macro	4 ch
6 CH RGBWAUV	6 ch
D10 CH Strobe Macro 1	10 ch
D9 CH Direct 8Bit	10 ch
12 CH Macro Control 1	12 ch
14 Ch Direct 16Bit	14 ch
18 Ch Full Access 1	18 ch

1 CH Dim (User Color 1)

1 channel

Ch	Function	Default	DMX values
1	Dimmer	0	

D3 CH Macro

3 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Color Wheel	112	0–5 Color off (wheel slot 1) 6–13 Red (wheel slot 2) 14–21 Amber (wheel slot 3) 22–29 Yellow warm (wheel slot 4) 30–37 Yellow (wheel slot 5) 38–45 Green (wheel slot 6) 46–53 Turquoise (wheel slot 7) 54–61 Cyan (wheel slot 8) 62–69 Blue (wheel slot 9) 70–77 Lavender (wheel slot 10) 78–85 Mauve (wheel slot 11) 86–93 Magenta (wheel slot 12) 94–101 Pink (wheel slot 13) 102–109 Warm white (wheel slot 14) 110–117 White (wheel slot 15) 118–125 Cold white (wheel slot 16) 126–127 Color Jumping Stop 128–164 Color Jumping Speed slow -> fast 165–201 Color Fading Speed slow -> fast 202–207 User Color_1 208–213 User Color_2 214–219 User Color_3 220–225 User Color_4 226–255 No Function
3	Control1	0	0–5 No Delay 6–255 0;1s - 2;0s

4 CH Strobe Macro

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	

4 CH Strobe Macro (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	0	0–5 Open (react to dimmer CH1) 6–10 Close 11–21 Ramp up/down strobe · Slow 0.5–4.59 Hz 22–22 Ramp up/down strobe · Fast2 5 Hz 23–32 Ramp up/down Random · Slow 0.5–4.55 Hz 33–33 Ramp up/down Random · Fast 5 Hz 34–44 Ramp up strobe · Slow 0.5–4.59 Hz 45–45 Ramp up strobe · Fast 5 Hz 46–55 Ramp up random · Slow 0.5–4.55 Hz 56–56 Ramp up random · Fast 5 Hz 57–67 Ramp down strobe · Slow 0.5–4.59 Hz 68–68 Ramp down strobe · Fast 5 Hz 69–78 Ramp down Random · Slow 0.5–4.55 Hz 79–79 Ramp down Random · Fast 5 Hz 80–101 Random Strobe Effect · Slow 0.5–4.8 Hz 102–102 Random Strobe Effect · Fast 5 Hz 103–126 Strobe Break Effekt · 5s Short burst with break 1.5... 127–127 Strobe Break Effekt · 1s Short burst with break 5 Hz 128–128 Strobe Linear · Slow 1Hz 1 Hz 129–249 Strobe Linear · 1-20 Hz 1.11–14.9 Hz 250–250 Strobe Linear · Fast 20Hz 15 Hz 255–255 Open
3	Color Wheel	0	0–5 Color off (wheel slot 1) 6–13 Red (wheel slot 2) 14–21 Amber (wheel slot 3) 22–29 Yellow warm (wheel slot 4) 30–37 Yellow (wheel slot 5) 38–45 Green (wheel slot 6) 46–53 Turquoise (wheel slot 7) 54–61 Cyan (wheel slot 8) 62–69 Blue (wheel slot 9) 70–77 Lavender (wheel slot 10) 78–85 Mauve (wheel slot 11) 86–93 Magenta (wheel slot 12) 94–101 Pink (wheel slot 13) 102–109 Warm white (wheel slot 14) 110–117 White (wheel slot 15) 118–125 Cold white (wheel slot 16) 126–127 Color Jumping Stop 128–164 Color Jumping Speed slow -> fast 165–201 Color Fading Speed slow -> fast 202–207 User Color_1 208–213 User Color_2 214–219 User Color_3 220–225 User Color_4 226–255 No Function
4	Color Mix MSpeed	0	0–5 0s 6–105 0;1s - 10s (0;1s Steps) 106–214 11s - 119s (1s Steps) 215–232 2m - 4m50s (10s Steps) 233–255 5m - 27m (1m Steps)

6 CH RGBWAUV

6 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	255	

6 CH RGBWAUV (continued)

Ch	Function	Default	DMX values
5	Color Add RY	0	
6	UV	0	

D10 CH Strobe Macro 1

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Shutter / Strobe	0	0–5 Open (react to dimmer CH1) 6–10 Close 11–21 Ramp up/down strobe · Slow 0.5–4.59 Hz 22–22 Ramp up/down strobe · Fast2 5 Hz 23–32 Ramp up/down Random · Slow 0.5–4.55 Hz 33–33 Ramp up/down Random · Fast 5 Hz 34–44 Ramp up strobe · Slow 0.5–4.59 Hz 45–45 Ramp up strobe · Fast 5 Hz 46–55 Ramp up random · Slow 0.5–4.55 Hz 56–56 Ramp up random · Fast 5 Hz 57–67 Ramp down strobe · Slow 0.5–4.59 Hz 68–68 Ramp down strobe · Fast 5 Hz 69–78 Ramp down Random · Slow 0.5–4.55 Hz 79–79 Ramp down Random · Fast 5 Hz 80–101 Random Strobe Effect · Slow 0.5–4.8 Hz 102–102 Random Strobe Effect · Fast 5 Hz 103–126 Strobe Break Effekt · 5s Short burst with break 1.5... 127–127 Strobe Break Effekt · 1s Short burst with break 5 Hz 128–128 Strobe Linear · Slow 1Hz 1 Hz 129–249 Strobe Linear · 1-20 Hz 1.11–14.9 Hz 250–250 Strobe Linear · Fast 20Hz 15 Hz 255–255 Open
3	Red	0	
4	Green	0	
5	Blue	0	
6	White	255	
7	Color Add RY	0	
8	UV	0	

D10 CH Strobe Macro 1 (continued)

Ch	Function	Default	DMX values
9	Color Wheel	0	0–5 Color off (wheel slot 1) 6–13 Red (wheel slot 2) 14–21 Amber (wheel slot 3) 22–29 Yellow warm (wheel slot 4) 30–37 Yellow (wheel slot 5) 38–45 Green (wheel slot 6) 46–53 Turquoise (wheel slot 7) 54–61 Cyan (wheel slot 8) 62–69 Blue (wheel slot 9) 70–77 Lavender (wheel slot 10) 78–85 Mauve (wheel slot 11) 86–93 Magenta (wheel slot 12) 94–101 Pink (wheel slot 13) 102–109 Warm white (wheel slot 14) 110–117 White (wheel slot 15) 118–125 Cold white (wheel slot 16) 126–127 Color Jumping Stop 128–164 Color Jumping Speed slow -> fast 165–201 Color Fading Speed slow -> fast 202–207 User Color_1 208–213 User Color_2 214–219 User Color_3 220–225 User Color_4 226–255 No Function
10	Control1	0	0–5 No Delay 6–255 0;1s - 2;0s

D9 CH Direct 8Bit

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Shutter / Strobe	0	0–5 Open (react to dimmer CH1) 6–10 Close 11–21 Ramp up/down strobe · Slow 0.5–4.59 Hz 22–22 Ramp up/down strobe · Fast2 5 Hz 23–32 Ramp up/down Random · Slow 0.5–4.55 Hz 33–33 Ramp up/down Random · Fast 5 Hz 34–44 Ramp up strobe · Slow 0.5–4.59 Hz 45–45 Ramp up strobe · Fast 5 Hz 46–55 Ramp up random · Slow 0.5–4.55 Hz 56–56 Ramp up random · Fast 5 Hz 57–67 Ramp down strobe · Slow 0.5–4.59 Hz 68–68 Ramp down strobe · Fast 5 Hz 69–78 Ramp down Random · Slow 0.5–4.55 Hz 79–79 Ramp down Random · Fast 5 Hz 80–101 Random Strobe Effect · Slow 0.5–4.8 Hz 102–102 Random Strobe Effect · Fast 5 Hz 103–126 Strobe Break Effekt · 5s Short burst with break 1.5... 127–127 Strobe Break Effekt · 1s Short burst with break 5 Hz 128–128 Strobe Linear · Slow 1Hz 1 Hz 129–249 Strobe Linear · 1-20 Hz 1.11–14.9 Hz 250–250 Strobe Linear · Fast 20Hz 15 Hz 255–255 Open
3	Red	0	
4	Green	0	
5	Blue	0	
6	White	255	
7	Color Add RY	0	

D9 CH Direct 8Bit (continued)

Ch	Function	Default	DMX values
8	UV	0	
9	Reserved 9	0	
10	Control1	0	0–5 No Delay 6–255 0;1s - 2;0s

12 CH Macro Control 1

12 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–5 Open (react to dimmer CH1) 6–10 Close 11–21 Ramp up/down strobe · Slow 0.5–4.59 Hz 22–22 Ramp up/down strobe · Fast2 5 Hz 23–32 Ramp up/down Random · Slow 0.5–4.55 Hz 33–33 Ramp up/down Random · Fast 5 Hz 34–44 Ramp up strobe · Slow 0.5–4.59 Hz 45–45 Ramp up strobe · Fast 5 Hz 46–55 Ramp up random · Slow 0.5–4.55 Hz 56–56 Ramp up random · Fast 5 Hz 57–67 Ramp down strobe · Slow 0.5–4.59 Hz 68–68 Ramp down strobe · Fast 5 Hz 69–78 Ramp down Random · Slow 0.5–4.55 Hz 79–79 Ramp down Random · Fast 5 Hz 80–101 Random Strobe Effect · Slow 0.5–4.8 Hz 102–102 Random Strobe Effect · Fast 5 Hz 103–126 Strobe Break Effekt · 5s Short burst with break 1.5... 127–127 Strobe Break Effekt · 1s Short burst with break 5 Hz 128–128 Strobe Linear · Slow 1Hz 1 Hz 129–249 Strobe Linear · 1-20 Hz 1.11–14.9 Hz 250–250 Strobe Linear · Fast 20Hz 15 Hz 255–255 Open
4	Red	0	
5	Green	0	
6	Blue	0	
7	White	255	
8	Color Add RY	0	
9	UV	0	

12 CH Macro Control 1 (continued)

Ch	Function	Default	DMX values
10	Color Wheel	0	0–5 Color off (wheel slot 1) 6–13 Red (wheel slot 2) 14–21 Amber (wheel slot 3) 22–29 Yellow warm (wheel slot 4) 30–37 Yellow (wheel slot 5) 38–45 Green (wheel slot 6) 46–53 Turquoise (wheel slot 7) 54–61 Cyan (wheel slot 8) 62–69 Blue (wheel slot 9) 70–77 Lavender (wheel slot 10) 78–85 Mauve (wheel slot 11) 86–93 Magenta (wheel slot 12) 94–101 Pink (wheel slot 13) 102–109 Warm white (wheel slot 14) 110–117 White (wheel slot 15) 118–125 Cold white (wheel slot 16) 126–127 Color Jumping Stop 128–164 Color Jumping Speed slow -> fast 165–201 Color Fading Speed slow -> fast 202–207 User Color_1 208–213 User Color_2 214–219 User Color_3 220–225 User Color_4 226–255 No Function
11	Color Mix MSpeed	0	0–5 0s 6–105 0;1s - 10s (0;1s Steps) 106–214 11s - 119s (1s Steps) 215–232 2m - 4m50s (10s Steps) 233–255 5m - 27m (1m Steps)

12 CH Macro Control 1 (continued)

Ch	Function	Default	DMX values
12	Control1	0	0–23 No function 24–25 Record User Color 1 (hold 3s) 26–27 Record User Color 2 (hold 3s) 28–29 Record User Color 3 (hold 3s) 30–31 Record User Color 4 (hold 3s) 32–73 No function 74–75 Dimmer Response LED (hold 1;5s) 76–77 Dimmer Response Halogen (hold 1;5s) 78–97 No function 98–99 Silent Fan (hold 3s) 100–101 Auto Fan (hold 3s) 102–103 Fan Off (hold 3s) 104–119 No function 120–121 PWM 1 (650 Hz) (hold 3s) 122–123 PWM 2 (1530 Hz) (hold 3s) 124–125 PWM 3(3600 Hz) (hold 3s) 126–127 PWM 4 (12000 Hz) (hold 3s) 128–129 PWM 5 (18900 Hz) (hold 3s) 130–131 PWM 6 (25000 Hz) (hold 3s) 132–133 RAW (hold 3s) 134–135 User Calibrated (hold 3s) 136–139 No function 140–141 Display on (hold 3s) 142–143 Display off (hold 3s) 144–163 No function 164–165 Dimmer Curve Linear (hold 3s) 166–167 Dimmer Curve Exponential (hold 3s) 168–169 Dimmer Curve Logarithmic (hold 3s) 170–171 Dimmer Curve S-Curve (hold 3s) 172–239 No function 240–243 Factory Default set (except DMX-Address;DMX-Mo… 244–245 Default A-User set (hold 3s) 246–247 Default B-User set (hold 3s) 248–249 Default C-User set (hold 3s) 250–255 No function

14 Ch Direct 16Bit

14 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	0	
4	Red Fine	0	Fine byte of Red
5	Green	0	
6	Green Fine	0	Fine byte of Green
7	Blue	0	
8	Blue Fine	0	Fine byte of Blue
9	White	255	
10	White Fine	255	Fine byte of White
11	Color Add RY	0	
12	Color Add RY Fine	0	Fine byte of Color Add RY
13	UV	0	
14	UV Fine	0	Fine byte of UV

18 Ch Full Access 1

18 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–5 Open (react to dimmer CH1) 6–10 Close 11–21 Ramp up/down strobe · Slow 0.5–4.59 Hz 22–22 Ramp up/down strobe · Fast2 5 Hz 23–32 Ramp up/down Random · Slow 0.5–4.55 Hz 33–33 Ramp up/down Random · Fast 5 Hz 34–44 Ramp up strobe · Slow 0.5–4.59 Hz 45–45 Ramp up strobe · Fast 5 Hz 46–55 Ramp up random · Slow 0.5–4.55 Hz 56–56 Ramp up random · Fast 5 Hz 57–67 Ramp down strobe · Slow 0.5–4.59 Hz 68–68 Ramp down strobe · Fast 5 Hz 69–78 Ramp down Random · Slow 0.5–4.55 Hz 79–79 Ramp down Random · Fast 5 Hz 80–101 Random Strobe Effect · Slow 0.5–4.8 Hz 102–102 Random Strobe Effect · Fast 5 Hz 103–126 Strobe Break Effekt · 5s Short burst with break 1.5... 127–127 Strobe Break Effekt · 1s Short burst with break 5 Hz 128–128 Strobe Linear · Slow 1Hz 1 Hz 129–249 Strobe Linear · 1-20 Hz 1.11–14.9 Hz 250–250 Strobe Linear · Fast 20Hz 15 Hz 255–255 Open
4	Red	0	
5	Red Fine	0	Fine byte of Red
6	Green	0	
7	Green Fine	0	Fine byte of Green
8	Blue	0	
9	Blue Fine	0	Fine byte of Blue
10	White	255	
11	White Fine	255	Fine byte of White
12	Color Add RY	0	
13	Color Add RY Fine	0	Fine byte of Color Add RY
14	UV	0	
15	UV Fine	0	Fine byte of UV

18 Ch Full Access 1 (continued)

Ch	Function	Default	DMX values
16	Color Wheel	0	0–5 Color off (wheel slot 1) 6–13 Red (wheel slot 2) 14–21 Amber (wheel slot 3) 22–29 Yellow warm (wheel slot 4) 30–37 Yellow (wheel slot 5) 38–45 Green (wheel slot 6) 46–53 Turquoise (wheel slot 7) 54–61 Cyan (wheel slot 8) 62–69 Blue (wheel slot 9) 70–77 Lavender (wheel slot 10) 78–85 Mauve (wheel slot 11) 86–93 Magenta (wheel slot 12) 94–101 Pink (wheel slot 13) 102–109 Warm white (wheel slot 14) 110–117 White (wheel slot 15) 118–125 Cold white (wheel slot 16) 126–127 Color Jumping Stop 128–164 Color Jumping Speed slow -> fast 165–201 Color Fading Speed slow -> fast 202–207 User Color_1 208–213 User Color_2 214–219 User Color_3 220–225 User Color_4 226–255 No Function
17	Color Mix MSpeed	0	0–5 0s 6–105 0;1s - 10s (0;1s Steps) 106–214 11s - 119s (1s Steps) 215–232 2m - 4m50s (10s Steps) 233–255 5m - 27m (1m Steps)

18 Ch Full Access 1 (continued)

Ch	Function	Default	DMX values
18	Control1	0	0–23 No function 24–25 Record User Color 1 (hold 3s) 26–27 Record User Color 2 (hold 3s) 28–29 Record User Color 3 (hold 3s) 30–31 Record User Color 4 (hold 3s) 32–73 No function 74–75 Dimmer Response LED (hold 1;5s) 76–77 Dimmer Response Halogen (hold 1;5s) 78–97 No function 98–99 Silent Fan (hold 3s) 100–101 Auto Fan (hold 3s) 102–103 Fan Off (hold 3s) 104–119 No function 120–121 PWM 1 (650 Hz) (hold 3s) 122–123 PWM 2 (1530 Hz) (hold 3s) 124–125 PWM 3(3600 Hz) (hold 3s) 126–127 PWM 4 (12000 Hz) (hold 3s) 128–129 PWM 5 (18900 Hz) (hold 3s) 130–131 PWM 6 (25000 Hz) (hold 3s) 132–133 RAW (hold 3s) 134–135 User Calibrated (hold 3s) 136–139 No function 140–141 Display on (hold 3s) 142–143 Display off (hold 3s) 144–163 No function 164–165 Dimmer Curve Linear (hold 3s) 166–167 Dimmer Curve Exponential (hold 3s) 168–169 Dimmer Curve Logarithmic (hold 3s) 170–171 Dimmer Curve S-Curve (hold 3s) 172–239 No function 240–243 Factory Default set (except DMX-Address;DMX-Mo… 244–245 Default A-User set (hold 3s) 246–247 Default B-User set (hold 3s) 248–249 Default C-User set (hold 3s) 250–255 No function