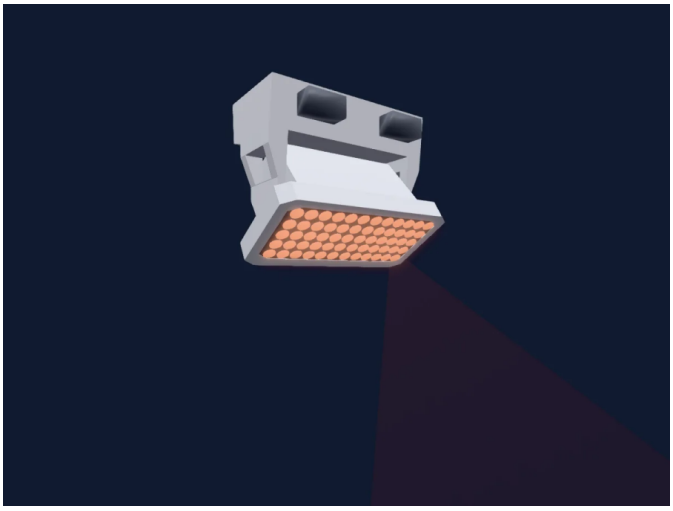
Cameo

ZENIT W1200 G2



Manufacturer	**Cameo**
Type	**Moving head**
DMX modes	**16**
DMX footprint	**3, 4, 5, 7, 10, 11, 13, 14, 15, 22, 26, 41 channels**
Beam angle	**18-84°**
Tilt range	**220°**
Heads / cells	**2**
Size (W × H × D)	**484 × 230 × 235 mm**
GDTF fixture type	**84A24EB1-DDB5-4944-AC12-39…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pixel control · Gobos · Gobo rotation

Safety-relevant functions

Service functions

DMX modes

3CH UNISENS	3 ch
37CH Pixel RGB	4 ch
4CH Presets	4 ch
4CH RGB	4 ch
5CH CCT	5 ch
7CH Direct	7 ch
10CH Legacy	10 ch
11CH RGB CCT	11 ch
77CH Pixel	11 ch
13CH Direct 16Bit	13 ch
14CH Direct CCT	14 ch
15CH Effect	15 ch
15CH Legacy	15 ch
22CH Full	22 ch
92CH Pixel Full	26 ch
41CH Pattern	41 ch

3CH UNISENS

3 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Zoom	0	

37CH Pixel RGB

4 channels

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

4CH Presets

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Shutter / Strobe	0	0–9 open 10–10 closed 11–21 Ramp up/down strobe · slow 0.1–0.918 Hz 22–22 Ramp up/down strobe · fast 1 Hz 23–32 Ramp up/down random · slow 0.1–0.91 Hz 33–33 Ramp up/down random · fast 1 Hz 34–44 Ramp up strobe · slow 0.1–0.918 Hz 45–45 Ramp up strobe · fast 1 Hz 46–55 Ramp up random · slow 0.1–1.81 Hz 56–56 Ramp up random · fast 2 Hz 57–67 Ramp down strobe · slow 0.1–1.83 Hz 68–68 Ramp down strobe · fast 2 Hz 69–78 Ramp down random · slow 0.05–1.8 Hz 79–79 Ramp down random · fast 2 Hz 80–101 Random strobe effect · slow 0.2–3.83 Hz 102–102 Random strobe effect · fast 4 Hz 103–126 Strobe break effect · 5s short burst with break 0.1–... 127–127 Strobe break effect · 1s short burst with break 0.5 ... 128–128 Strobe linear · Slow 1Hz 2 Hz 129–249 Strobe linear · 1-20 Hz 2.11–14.9 Hz 250–250 Strobe linear · Fast 20Hz 15 Hz 251–255 open

4CH Presets (continued)

Ch	Function	Default	DMX values
3	Color Wheel	0	0–5 No function (wheel slot 1) 6–9 46 Dark Magenta (wheel slot 2) 10–13 29 Plasa Red (wheel slot 3) 14–17 26 Bright Red (wheel slot 4) 18–21 127 Smokey Pink (wheel slot 5) 22–25 36 Medium Pink (wheel slot 6) 26–29 19 Fire (wheel slot 7) 30–33 135 Deep Golden Amber (wheel slot 8) 34–37 778 Millennium Gold (wheel slot 9) 38–41 21 Gold Amber (wheel slot 10) 42–45 157 Pink (wheel slot 11) 46–49 110 Middle Rose (wheel slot 12) 50–53 109 Light Salmon (wheel slot 13) 54–57 35 Light Pink (wheel slot 14) 58–61 134 Golden Amber (wheel slot 15) 62–65 17 Surprise Peach (wheel slot 16) 66–69 746 Brown (wheel slot 17) 70–73 105 Orange (wheel slot 18) 74–77 20 Medium Amber (wheel slot 19) 78–81 768 Egg Yolk Yellow (wheel slot 20) 82–85 15 Deep Straw (wheel slot 21) 86–89 767 Nectarine (wheel slot 22) 90–93 101 Yellow (wheel slot 23) 94–97 100 Spring Yellow (wheel slot 24) 98–101 88 Lime Green (wheel slot 25) 102–105 121 LEE Green (wheel slot 26) 106–109 738 Jas Green (wheel slot 27) 110–113 89 Moss Green (wheel slot 28) 114–117 139 Primary Green (wheel slot 29) 118–121 124 Dark Green (wheel slot 30) 122–125 323 Jade (wheel slot 31) 126–129 354 Special Steel Blue (wheel slot 32) 130–133 116 Medium Blue-Green (wheel slot 33) 134–137 183 Moonlight Blue (wheel slot 34) 138–141 132 Medium Blue (wheel slot 35) 142–145 119 Dark Blue (wheel slot 36) 146–149 716 Mikkel Blue (wheel slot 37) 150–153 71 Tokyo Blue (wheel slot 38) 154–157 181 Congo Blue (wheel slot 39) 158–161 799 Special KH Lavender (wheel slot 40) 162–165 707 Ultimate Violet (wheel slot 41) 166–169 343 Special Medium Lavender (wheel slot 42) 170–173 798 Chrysalis Pink (wheel slot 43) 174–177 701 Provence (wheel slot 44) 178–181 797 Deep Purple (wheel slot 45) 182–185 48 Rose Purple (wheel slot 46) 186–189 345 Fuchsia Pink (wheel slot 47) 190–193 795 Magical Magenta (wheel slot 48) 194–197 128 Bright Pink (wheel slot 49) 198–201 2 Rose Pink (wheel slot 50) 202–255 No function (wheel slot 1)
4	Zoom	0	

4CH RGB

4 channels

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

5CH CCT

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	0	0–6 Warm white 7–46 Warm white to 2700K 47–47 Bulb White (2700K) 48–87 2700K to 3200K 88–88 Halogen White (3200K) 89–128 3200K to 4000K 129–129 Neutral White (4000K) 130–169 4000K to 5600K 170–170 Studio White (5600K) 171–210 5600K to 6500K 211–211 Daylight White (6500K) 212–251 6500K to Cold white 252–255 Cold white
4	Tint	128	0–0 Off 1–127 Magenta -> Neutral 128–128 Neutral 129–255 Neutral -> Green
5	Zoom	0	

7CH Direct

7 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add RY	255	
5	Color Add GY	255	
6	Color Add C	255	
7	Zoom	0	

10CH Legacy

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Shutter / Strobe	0	0–5 Open 6–10 Close 11–32 Pulse Random · Slow 0.5–4.8 Hz 33–33 Pulse Random · Fast 5 Hz 34–55 Ramp up Random · Slow 0.5–4.8 Hz 56–56 Ramp up Random · Fast 5 Hz 57–78 Ramp down Random · Slow 0.5–4.8 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 1.16–19.8 Hz 250–250 Strobe Linear · Fast 20Hz 20 Hz 255–255 Open
3	Red	255	
4	Green	255	

10CH Legacy (continued)

Ch	Function	Default	DMX values
5	Blue	255	
6	White	255	
7	Color Wheel	0	0–5 Open (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 128–191 Color Jumping Speed slow -> fast 192–255 Color Fading Speed slow -> fast
8	C TC	0	0–5 Off 6–6 Warm White 7–46 Warm White -> 2700K 47–47 Bulb White 2700K 48–87 2700K -> 3200K 88–88 Halogen White 3200K 89–128 3200K -> 4000K 129–129 Neutral White 4000K 130–169 4000K -> 5600K 170–170 Studio White 5600K 171–210 5600K -> 6500K 211–211 Daylight White 6500K 212–251 6500K -> Cold Daylight 252–255 Cold Daylight
9	Dimmer Curve	0	0–5 Off 6–63 Linear Dimmer Curve 64–127 Exponential Dimmer Curve 128–191 Logarithmic Dimmer Curve 192–255 S-Curve Dimmer Curve
10	Function	0	0–77 No function 78–79 Dimmer Response LED (hold 1;5s) 80–81 Dimmer Response Halogen (hold 1;5s) 82–101 No function 102–103 Fan Silent (hold 3s) 104–105 Auto Fan (Hold 3s) 106–123 No function 124–125 LED Frequency 800Hz (hold 3s) 126–127 LED Frequency 1200Hz (hold 3s) 128–129 LED Frequency 2000Hz (hold 3s) 130–131 LED Frequency 3600Hz (hold 3s) 132–133 LED Frequency 12kHz (hold 3s) 134–135 LED Frequency 25kHz (hold 3s) 136–143 No function 144–145 Display on (hold 3s) 146–147 Display off (hold 3s) 148–205 No function 206–207 RAW-Mode (Hold 3s) 208–209 Factory Calibration (hold 3s) 210–211 User Calibration (hold 3s) 212–255 No Function

11CH RGB CCT

11 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–9 open 10–10 closed 11–21 Ramp up/down strobe · slow 0.1–0.918 Hz 22–22 Ramp up/down strobe · fast 1 Hz 23–32 Ramp up/down random · slow 0.1–0.91 Hz 33–33 Ramp up/down random · fast 1 Hz 34–44 Ramp up strobe · slow 0.1–0.918 Hz 45–45 Ramp up strobe · fast 1 Hz 46–55 Ramp up random · slow 0.1–1.81 Hz 56–56 Ramp up random · fast 2 Hz 57–67 Ramp down strobe · slow 0.1–1.83 Hz 68–68 Ramp down strobe · fast 2 Hz 69–78 Ramp down random · slow 0.05–1.8 Hz 79–79 Ramp down random · fast 2 Hz 80–101 Random strobe effect · slow 0.2–3.83 Hz 102–102 Random strobe effect · fast 4 Hz 103–126 Strobe break effect · 5s short burst with break 0.1–... 127–127 Strobe break effect · 1s short burst with break 0.5 ... 128–128 Strobe linear · Slow 1Hz 2 Hz 129–249 Strobe linear · 1-20 Hz 2.11–14.9 Hz 250–250 Strobe linear · Fast 20Hz 15 Hz 251–255 open
4	Red	255	
5	Green	255	
6	Blue	255	
7	C TC	0	0–5 Off 6–6 Warm white 7–46 Warm white to 2700K 47–47 Bulb White (2700K) 48–87 2700K to 3200K 88–88 Halogen White (3200K) 89–128 3200K to 4000K 129–129 Neutral White (4000K) 130–169 4000K to 5600K 170–170 Studio White (5600K) 171–210 5600K to 6500K 211–211 Daylight White (6500K) 212–251 6500K to Cold white 252–255 Cold white
8	Tint	128	0–0 Off 1–127 Magenta -> Neutral 128–128 Neutral 129–255 Neutral -> Green
9	Zoom	0	
10	Control1	0	
11	Fans	0	0–5 Read from Menu 6–11 Auto 12–17 Off 18–23 Constant Low 24–29 Constant Mid 30–35 Constant High 36–41 Stage 42–154 Read from Menu 155–255 Manual Mode

77CH Pixel

11 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Zoom	0	
4	Control1	0	
5	Fans	0	0–5 Read from Menu 6–11 Auto 12–17 Off 18–23 Constant Low 24–29 Constant Mid 30–35 Constant High 36–41 Stage 42–154 Read from Menu 155–255 Manual Mode
6	Red	255	
7	Green	255	
8	Blue	255	
9	Color Add RY	255	
10	Color Add GY	255	
11	Color Add C	255	

13CH Direct 16Bit

13 channels

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

14CH Direct CCT

14 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer

14CH Direct CCT (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	0	0–9 open 10–10 closed 11–21 Ramp up/down strobe · slow 0.1–0.918 Hz 22–22 Ramp up/down strobe · fast 1 Hz 23–32 Ramp up/down random · slow 0.1–0.91 Hz 33–33 Ramp up/down random · fast 1 Hz 34–44 Ramp up strobe · slow 0.1–0.918 Hz 45–45 Ramp up strobe · fast 1 Hz 46–55 Ramp up random · slow 0.1–1.81 Hz 56–56 Ramp up random · fast 2 Hz 57–67 Ramp down strobe · slow 0.1–1.83 Hz 68–68 Ramp down strobe · fast 2 Hz 69–78 Ramp down random · slow 0.05–1.8 Hz 79–79 Ramp down random · fast 2 Hz 80–101 Random strobe effect · slow 0.2–3.83 Hz 102–102 Random strobe effect · fast 4 Hz 103–126 Strobe break effect · 5s short burst with break 0.1–... 127–127 Strobe break effect · 1s short burst with break 0.5 ... 128–128 Strobe linear · Slow 1Hz 2 Hz 129–249 Strobe linear · 1-20 Hz 2.11–14.9 Hz 250–250 Strobe linear · Fast 20Hz 15 Hz 251–255 open
4	Red	255	
5	Green	255	
6	Blue	255	
7	Color Add RY	255	
8	Color Add GY	255	
9	Color Add C	255	
10	C TC	0	0–5 Off 6–6 Warm white 7–46 Warm white to 2700K 47–47 Bulb White (2700K) 48–87 2700K to 3200K 88–88 Halogen White (3200K) 89–128 3200K to 4000K 129–129 Neutral White (4000K) 130–169 4000K to 5600K 170–170 Studio White (5600K) 171–210 5600K to 6500K 211–211 Daylight White (6500K) 212–251 6500K to Cold white 252–255 Cold white
11	Tint	128	0–0 Off 1–127 Magenta -> Neutral 128–128 Neutral 129–255 Neutral -> Green
12	Zoom	0	
13	Control1	0	
14	Fans	0	0–5 Read from Menu 6–11 Auto 12–17 Off 18–23 Constant Low 24–29 Constant Mid 30–35 Constant High 36–41 Stage 42–154 Read from Menu 155–255 Manual Mode

15CH Effect

15 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–9 open 10–10 closed 11–21 Ramp up/down strobe · slow 0.1–0.918 Hz 22–22 Ramp up/down strobe · fast 1 Hz 23–32 Ramp up/down random · slow 0.1–0.91 Hz 33–33 Ramp up/down random · fast 1 Hz 34–44 Ramp up strobe · slow 0.1–0.918 Hz 45–45 Ramp up strobe · fast 1 Hz 46–55 Ramp up random · slow 0.1–1.81 Hz 56–56 Ramp up random · fast 2 Hz 57–67 Ramp down strobe · slow 0.1–1.83 Hz 68–68 Ramp down strobe · fast 2 Hz 69–78 Ramp down random · slow 0.05–1.8 Hz 79–79 Ramp down random · fast 2 Hz 80–101 Random strobe effect · slow 0.2–3.83 Hz 102–102 Random strobe effect · fast 4 Hz 103–126 Strobe break effect · 5s short burst with break 0.1–... 127–127 Strobe break effect · 1s short burst with break 0.5 ... 128–128 Strobe linear · Slow 1Hz 2 Hz 129–249 Strobe linear · 1-20 Hz 2.11–14.9 Hz 250–250 Strobe linear · Fast 20Hz 15 Hz 251–255 open
4	Red	255	
5	Green	255	
6	Blue	255	
7	Color Add RY	255	
8	Color Add GY	255	
9	Color Add C	255	

15CH Effect (continued)

Ch	Function	Default	DMX values
10	Color Wheel	0	0–5 No function (wheel slot 1) 6–9 46 Dark Magenta (wheel slot 2) 10–13 29 Plasa Red (wheel slot 3) 14–17 26 Bright Red (wheel slot 4) 18–21 127 Smokey Pink (wheel slot 5) 22–25 36 Medium Pink (wheel slot 6) 26–29 19 Fire (wheel slot 7) 30–33 135 Deep Golden Amber (wheel slot 8) 34–37 778 Millennium Gold (wheel slot 9) 38–41 21 Gold Amber (wheel slot 10) 42–45 157 Pink (wheel slot 11) 46–49 110 Middle Rose (wheel slot 12) 50–53 109 Light Salmon (wheel slot 13) 54–57 35 Light Pink (wheel slot 14) 58–61 134 Golden Amber (wheel slot 15) 62–65 17 Surprise Peach (wheel slot 16) 66–69 746 Brown (wheel slot 17) 70–73 105 Orange (wheel slot 18) 74–77 20 Medium Amber (wheel slot 19) 78–81 768 Egg Yolk Yellow (wheel slot 20) 82–85 15 Deep Straw (wheel slot 21) 86–89 767 Nectarine (wheel slot 22) 90–93 101 Yellow (wheel slot 23) 94–97 100 Spring Yellow (wheel slot 24) 98–101 88 Lime Green (wheel slot 25) 102–105 121 LEE Green (wheel slot 26) 106–109 738 Jas Green (wheel slot 27) 110–113 89 Moss Green (wheel slot 28) 114–117 139 Primary Green (wheel slot 29) 118–121 124 Dark Green (wheel slot 30) 122–125 323 Jade (wheel slot 31) 126–129 354 Special Steel Blue (wheel slot 32) 130–133 116 Medium Blue-Green (wheel slot 33) 134–137 183 Moonlight Blue (wheel slot 34) 138–141 132 Medium Blue (wheel slot 35) 142–145 119 Dark Blue (wheel slot 36) 146–149 716 Mikkel Blue (wheel slot 37) 150–153 71 Tokyo Blue (wheel slot 38) 154–157 181 Congo Blue (wheel slot 39) 158–161 799 Special KH Lavender (wheel slot 40) 162–165 707 Ultimate Violet (wheel slot 41) 166–169 343 Special Medium Lavender (wheel slot 42) 170–173 798 Chrysalis Pink (wheel slot 43) 174–177 701 Provence (wheel slot 44) 178–181 797 Deep Purple (wheel slot 45) 182–185 48 Rose Purple (wheel slot 46) 186–189 345 Fuchsia Pink (wheel slot 47) 190–193 795 Magical Magenta (wheel slot 48) 194–197 128 Bright Pink (wheel slot 49) 198–201 2 Rose Pink (wheel slot 50) 202–255 No function (wheel slot 1)

15CH Effect (continued)

Ch	Function	Default	DMX values
11	Gobo	0	0–5 No function (wheel slot 1) 6–26 Pattern 1 (wheel slot 2) 27–47 Pattern 2 (wheel slot 3) 48–68 Pattern 3 (wheel slot 4) 69–89 Pattern 4 (wheel slot 5) 90–110 Pattern 5 (wheel slot 6) 111–131 Pattern 6 (wheel slot 7) 132–152 Pattern 7 (wheel slot 8) 153–173 Pattern 8 (wheel slot 9) 174–194 Pattern 9 (wheel slot 10) 195–215 Pattern 10 (wheel slot 11) 216–236 Pattern 11 (wheel slot 12) 237–255 Pattern 12 (wheel slot 13)
12	Gobo Rotation	0	0–0 Off (wheel slot 1) 1–64 fast to slow (Chase) (wheel slot 2) 65–65 Stop 66–127 slow to fast (Chase) (backwards) 128–191 Pattern Speed fast to slow (Fade) 192–192 Stop 193–255 slow to fast (Fade) (backwards)
13	Zoom	0	
14	Control1	0	
15	Fans	0	0–5 Read from Menu 6–11 Auto 12–17 Off 18–23 Constant Low 24–29 Constant Mid 30–35 Constant High 36–41 Stage 42–154 Read from Menu 155–255 Manual Mode

15CH Legacy

15 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–5 Open 6–10 Close 11–32 Pulse Random · Slow 0.5–4.8 Hz 33–33 Pulse Random · Fast 5 Hz 34–55 Ramp up Random · Slow 0.5–4.8 Hz 56–56 Ramp up Random · Fast 5 Hz 57–78 Ramp down Random · Slow 0.5–4.8 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 1.16–19.8 Hz 250–250 Strobe Linear · Fast 20Hz 20 Hz 255–255 Open
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green

15CH Legacy (continued)

Ch	Function	Default	DMX values
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	White	255	
11	White Fine	255	Fine byte of White
12	Color Wheel	0	0–5 Open (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 128–191 Color Jumping Speed slow -> fast 192–255 Color Fading Speed slow -> fast
13	C TC	0	0–5 Off 6–6 Warm White 7–46 Warm White -> 2700K 47–47 Bulb White 2700K 48–87 2700K -> 3200K 88–88 Halogen White 3200K 89–128 3200K -> 4000K 129–129 Neutral White 4000K 130–169 4000K -> 5600K 170–170 Studio White 5600K 171–210 5600K -> 6500K 211–211 Daylight White 6500K 212–251 6500K -> Cold Daylight 252–255 Cold Daylight
14	Dimmer Curve	0	0–5 Off 6–63 Linear Dimmer Curve 64–127 Exponential Dimmer Curve 128–191 Logarithmic Dimmer Curve 192–255 S-Curve Dimmer Curve

15CH Legacy (continued)

Ch	Function	Default	DMX values
15	Function	0	0–77 No function 78–79 Dimmer Response LED (hold 1;5s) 80–81 Dimmer Response Halogen (hold 1;5s) 82–101 No function 102–103 Fan Silent (hold 3s) 104–105 Auto Fan (Hold 3s) 106–123 No function 124–125 LED Frequency 800Hz (hold 3s) 126–127 LED Frequency 1200Hz (hold 3s) 128–129 LED Frequency 2000Hz (hold 3s) 130–131 LED Frequency 3600Hz (hold 3s) 132–133 LED Frequency 12kHz (hold 3s) 134–135 LED Frequency 25kHz (hold 3s) 136–143 No function 144–145 Display on (hold 3s) 146–147 Display off (hold 3s) 148–205 No function 206–207 RAW-Mode (Hold 3s) 208–209 Factory Calibration (hold 3s) 210–211 User Calibration (hold 3s) 212–255 No Function

22CH Full

22 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–9 open 10–10 closed 11–21 Ramp up/down strobe · slow 0.1–0.918 Hz 22–22 Ramp up/down strobe · fast 1 Hz 23–32 Ramp up/down random · slow 0.1–0.91 Hz 33–33 Ramp up/down random · fast 1 Hz 34–44 Ramp up strobe · slow 0.1–0.918 Hz 45–45 Ramp up strobe · fast 1 Hz 46–55 Ramp up random · slow 0.1–1.81 Hz 56–56 Ramp up random · fast 2 Hz 57–67 Ramp down strobe · slow 0.1–1.83 Hz 68–68 Ramp down strobe · fast 2 Hz 69–78 Ramp down random · slow 0.05–1.8 Hz 79–79 Ramp down random · fast 2 Hz 80–101 Random strobe effect · slow 0.2–3.83 Hz 102–102 Random strobe effect · fast 4 Hz 103–126 Strobe break effect · 5s short burst with break 0.1–... 127–127 Strobe break effect · 1s short burst with break 0.5 ... 128–128 Strobe linear · Slow 1Hz 2 Hz 129–249 Strobe linear · 1-20 Hz 2.11–14.9 Hz 250–250 Strobe linear · Fast 20Hz 15 Hz 251–255 open
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add RY	255	
11	Color Add RY Fine	255	Fine byte of Color Add RY

22CH Full (continued)

Ch	Function	Default	DMX values
12	Color Add GY	255	
13	Color Add GY Fine	255	Fine byte of Color Add GY
14	Color Add C	255	
15	Color Add C Fine	255	Fine byte of Color Add C
16	C TC	0	0–5 Off 6–6 Warm white 7–46 Warm white to 2700K 47–47 Bulb White (2700K) 48–87 2700K to 3200K 88–88 Halogen White (3200K) 89–128 3200K to 4000K 129–129 Neutral White (4000K) 130–169 4000K to 5600K 170–170 Studio White (5600K) 171–210 5600K to 6500K 211–211 Daylight White (6500K) 212–251 6500K to Cold white 252–255 Cold white
17	Tint	128	0–0 Off 1–127 Magenta -> Neutral 128–128 Neutral 129–255 Neutral -> Green

22CH Full (continued)

Ch	Function	Default	DMX values
18	Color Wheel	0	0–5 No function (wheel slot 1) 6–9 46 Dark Magenta (wheel slot 2) 10–13 29 Plasa Red (wheel slot 3) 14–17 26 Bright Red (wheel slot 4) 18–21 127 Smokey Pink (wheel slot 5) 22–25 36 Medium Pink (wheel slot 6) 26–29 19 Fire (wheel slot 7) 30–33 135 Deep Golden Amber (wheel slot 8) 34–37 778 Millennium Gold (wheel slot 9) 38–41 21 Gold Amber (wheel slot 10) 42–45 157 Pink (wheel slot 11) 46–49 110 Middle Rose (wheel slot 12) 50–53 109 Light Salmon (wheel slot 13) 54–57 35 Light Pink (wheel slot 14) 58–61 134 Golden Amber (wheel slot 15) 62–65 17 Surprise Peach (wheel slot 16) 66–69 746 Brown (wheel slot 17) 70–73 105 Orange (wheel slot 18) 74–77 20 Medium Amber (wheel slot 19) 78–81 768 Egg Yolk Yellow (wheel slot 20) 82–85 15 Deep Straw (wheel slot 21) 86–89 767 Nectarine (wheel slot 22) 90–93 101 Yellow (wheel slot 23) 94–97 100 Spring Yellow (wheel slot 24) 98–101 88 Lime Green (wheel slot 25) 102–105 121 LEE Green (wheel slot 26) 106–109 738 Jas Green (wheel slot 27) 110–113 89 Moss Green (wheel slot 28) 114–117 139 Primary Green (wheel slot 29) 118–121 124 Dark Green (wheel slot 30) 122–125 323 Jade (wheel slot 31) 126–129 354 Special Steel Blue (wheel slot 32) 130–133 116 Medium Blue-Green (wheel slot 33) 134–137 183 Moonlight Blue (wheel slot 34) 138–141 132 Medium Blue (wheel slot 35) 142–145 119 Dark Blue (wheel slot 36) 146–149 716 Mikkel Blue (wheel slot 37) 150–153 71 Tokyo Blue (wheel slot 38) 154–157 181 Congo Blue (wheel slot 39) 158–161 799 Special KH Lavender (wheel slot 40) 162–165 707 Ultimate Violet (wheel slot 41) 166–169 343 Special Medium Lavender (wheel slot 42) 170–173 798 Chrysalis Pink (wheel slot 43) 174–177 701 Provence (wheel slot 44) 178–181 797 Deep Purple (wheel slot 45) 182–185 48 Rose Purple (wheel slot 46) 186–189 345 Fuchsia Pink (wheel slot 47) 190–193 795 Magical Magenta (wheel slot 48) 194–197 128 Bright Pink (wheel slot 49) 198–201 2 Rose Pink (wheel slot 50) 202–255 No function (wheel slot 1)
19	Color Mix MSpeed	0	0–5 0s 6–105 1/10s - 10s 106–214 11s - 119s 215–244 2m - 4m50s 245–255 5m - 15m
20	Zoom	0	
21	Control1	0	

22CH Full (continued)

Ch	Function	Default	DMX values
22	Fans	0	0–5 Read from Menu 6–11 Auto 12–17 Off 18–23 Constant Low 24–29 Constant Mid 30–35 Constant High 36–41 Stage 42–154 Read from Menu 155–255 Manual Mode

92CH Pixel Full

26 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–9 open 10–10 closed 11–21 Ramp up/down strobe · slow 0.1–0.918 Hz 22–22 Ramp up/down strobe · fast 1 Hz 23–32 Ramp up/down random · slow 0.1–0.91 Hz 33–33 Ramp up/down random · fast 1 Hz 34–44 Ramp up strobe · slow 0.1–0.918 Hz 45–45 Ramp up strobe · fast 1 Hz 46–55 Ramp up random · slow 0.1–1.81 Hz 56–56 Ramp up random · fast 2 Hz 57–67 Ramp down strobe · slow 0.1–1.83 Hz 68–68 Ramp down strobe · fast 2 Hz 69–78 Ramp down random · slow 0.05–1.8 Hz 79–79 Ramp down random · fast 2 Hz 80–101 Random strobe effect · slow 0.2–3.83 Hz 102–102 Random strobe effect · fast 4 Hz 103–126 Strobe break effect · 5s short burst with break 0.1–... 127–127 Strobe break effect · 1s short burst with break 0.5 ... 128–128 Strobe linear · Slow 1Hz 2 Hz 129–249 Strobe linear · 1-20 Hz 2.11–14.9 Hz 250–250 Strobe linear · Fast 20Hz 15 Hz 251–255 open
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add RY	255	
11	Color Add RY Fine	255	Fine byte of Color Add RY
12	Color Add GY	255	
13	Color Add GY Fine	255	Fine byte of Color Add GY
14	Color Add C	255	
15	Color Add C Fine	255	Fine byte of Color Add C

92CH Pixel Full (continued)

Ch	Function	Default	DMX values
16	C TC	0	0–5 Off 6–6 Warm white 7–46 Warm white to 2700K 47–47 Bulb White (2700K) 48–87 2700K to 3200K 88–88 Halogen White (3200K) 89–128 3200K to 4000K 129–129 Neutral White (4000K) 130–169 4000K to 5600K 170–170 Studio White (5600K) 171–210 5600K to 6500K 211–211 Daylight White (6500K) 212–251 6500K to Cold white 252–255 Cold white
17	Tint	128	0–0 Off 1–127 Magenta -> Neutral 128–128 Neutral 129–255 Neutral -> Green
18	Zoom	0	
19	Control1	0	
20	Fans	0	0–5 Read from Menu 6–11 Auto 12–17 Off 18–23 Constant Low 24–29 Constant Mid 30–35 Constant High 36–41 Stage 42–154 Read from Menu 155–255 Manual Mode
21	Red	255	
22	Green	255	
23	Blue	255	
24	Color Add RY	255	
25	Color Add GY	255	
26	Color Add C	255	

41CH Pattern

41 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer

41CH Pattern (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	0	0–9 open 10–10 closed 11–21 Ramp up/down strobe · slow 0.1–0.918 Hz 22–22 Ramp up/down strobe · fast 1 Hz 23–32 Ramp up/down random · slow 0.1–0.91 Hz 33–33 Ramp up/down random · fast 1 Hz 34–44 Ramp up strobe · slow 0.1–0.918 Hz 45–45 Ramp up strobe · fast 1 Hz 46–55 Ramp up random · slow 0.1–1.81 Hz 56–56 Ramp up random · fast 2 Hz 57–67 Ramp down strobe · slow 0.1–1.83 Hz 68–68 Ramp down strobe · fast 2 Hz 69–78 Ramp down random · slow 0.05–1.8 Hz 79–79 Ramp down random · fast 2 Hz 80–101 Random strobe effect · slow 0.2–3.83 Hz 102–102 Random strobe effect · fast 4 Hz 103–126 Strobe break effect · 5s short burst with break 0.1–... 127–127 Strobe break effect · 1s short burst with break 0.5 ... 128–128 Strobe linear · Slow 1Hz 2 Hz 129–249 Strobe linear · 1-20 Hz 2.11–14.9 Hz 250–250 Strobe linear · Fast 20Hz 15 Hz 251–255 open
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add RY	255	
11	Color Add RY Fine	255	Fine byte of Color Add RY
12	Color Add GY	255	
13	Color Add GY Fine	255	Fine byte of Color Add GY
14	Color Add C	255	
15	Color Add C Fine	255	Fine byte of Color Add C
16	C TC	0	0–5 Off 6–6 Warm white 7–46 Warm white to 2700K 47–47 Bulb White (2700K) 48–87 2700K to 3200K 88–88 Halogen White (3200K) 89–128 3200K to 4000K 129–129 Neutral White (4000K) 130–169 4000K to 5600K 170–170 Studio White (5600K) 171–210 5600K to 6500K 211–211 Daylight White (6500K) 212–251 6500K to Cold white 252–255 Cold white
17	Tint	128	0–0 Off 1–127 Magenta -> Neutral 128–128 Neutral 129–255 Neutral -> Green

41CH Pattern (continued)

Ch	Function	Default	DMX values
18	Color Wheel	0	0–5 No function (wheel slot 1) 6–9 46 Dark Magenta (wheel slot 2) 10–13 29 Plasa Red (wheel slot 3) 14–17 26 Bright Red (wheel slot 4) 18–21 127 Smokey Pink (wheel slot 5) 22–25 36 Medium Pink (wheel slot 6) 26–29 19 Fire (wheel slot 7) 30–33 135 Deep Golden Amber (wheel slot 8) 34–37 778 Millennium Gold (wheel slot 9) 38–41 21 Gold Amber (wheel slot 10) 42–45 157 Pink (wheel slot 11) 46–49 110 Middle Rose (wheel slot 12) 50–53 109 Light Salmon (wheel slot 13) 54–57 35 Light Pink (wheel slot 14) 58–61 134 Golden Amber (wheel slot 15) 62–65 17 Surprise Peach (wheel slot 16) 66–69 746 Brown (wheel slot 17) 70–73 105 Orange (wheel slot 18) 74–77 20 Medium Amber (wheel slot 19) 78–81 768 Egg Yolk Yellow (wheel slot 20) 82–85 15 Deep Straw (wheel slot 21) 86–89 767 Nectarine (wheel slot 22) 90–93 101 Yellow (wheel slot 23) 94–97 100 Spring Yellow (wheel slot 24) 98–101 88 Lime Green (wheel slot 25) 102–105 121 LEE Green (wheel slot 26) 106–109 738 Jas Green (wheel slot 27) 110–113 89 Moss Green (wheel slot 28) 114–117 139 Primary Green (wheel slot 29) 118–121 124 Dark Green (wheel slot 30) 122–125 323 Jade (wheel slot 31) 126–129 354 Special Steel Blue (wheel slot 32) 130–133 116 Medium Blue-Green (wheel slot 33) 134–137 183 Moonlight Blue (wheel slot 34) 138–141 132 Medium Blue (wheel slot 35) 142–145 119 Dark Blue (wheel slot 36) 146–149 716 Mikkel Blue (wheel slot 37) 150–153 71 Tokyo Blue (wheel slot 38) 154–157 181 Congo Blue (wheel slot 39) 158–161 799 Special KH Lavender (wheel slot 40) 162–165 707 Ultimate Violet (wheel slot 41) 166–169 343 Special Medium Lavender (wheel slot 42) 170–173 798 Chrysalis Pink (wheel slot 43) 174–177 701 Provence (wheel slot 44) 178–181 797 Deep Purple (wheel slot 45) 182–185 48 Rose Purple (wheel slot 46) 186–189 345 Fuchsia Pink (wheel slot 47) 190–193 795 Magical Magenta (wheel slot 48) 194–197 128 Bright Pink (wheel slot 49) 198–201 2 Rose Pink (wheel slot 50) 202–255 No function (wheel slot 1)

41CH Pattern (continued)

Ch	Function	Default	DMX values
19	Gobo	0	0–5 No function (wheel slot 1) 6–26 Pattern 1 (wheel slot 2) 27–47 Pattern 2 (wheel slot 3) 48–68 Pattern 3 (wheel slot 4) 69–89 Pattern 4 (wheel slot 5) 90–110 Pattern 5 (wheel slot 6) 111–131 Pattern 6 (wheel slot 7) 132–152 Pattern 7 (wheel slot 8) 153–173 Pattern 8 (wheel slot 9) 174–194 Pattern 9 (wheel slot 10) 195–215 Pattern 10 (wheel slot 11) 216–236 Pattern 11 (wheel slot 12) 237–255 Pattern 12 (wheel slot 13)
20	Gobo Rotation	0	0–0 Off (wheel slot 1) 1–64 fast to slow (Chase) (wheel slot 2) 65–65 Stop 66–127 slow to fast (Chase) (backwards) 128–191 fast to slow (Fade) 192–192 Stop 193–255 slow to fast (Fade) (backwards)
21	Dimmer	0	
22	Dimmer Fine	0	Fine byte of Dimmer
23	Shutter / Strobe	0	0–9 open 10–10 closed 11–21 Ramp up/down strobe · slow 0.1–0.918 Hz 22–22 Ramp up/down strobe · fast 1 Hz 23–32 Ramp up/down random · slow 0.1–0.91 Hz 33–33 Ramp up/down random · fast 1 Hz 34–44 Ramp up strobe · slow 0.1–0.918 Hz 45–45 Ramp up strobe · fast 1 Hz 46–55 Ramp up random · slow 0.1–1.81 Hz 56–56 Ramp up random · fast 2 Hz 57–67 Ramp down strobe · slow 0.1–1.83 Hz 68–68 Ramp down strobe · fast 2 Hz 69–78 Ramp down random · slow 0.05–1.8 Hz 79–79 Ramp down random · fast 2 Hz 80–101 Random strobe effect · slow 0.2–3.83 Hz 102–102 Random strobe effect · fast 4 Hz 103–126 Strobe break effect · 5s short burst with break 0.1–... 127–127 Strobe break effect · 1s short burst with break 0.5 ... 128–128 Strobe linear · Slow 1Hz 2 Hz 129–249 Strobe linear · 1-20 Hz 2.11–14.9 Hz 250–250 Strobe linear · Fast 20Hz 15 Hz 251–255 open
24	Red	0	
25	Red Fine	0	Fine byte of Red
26	Green	0	
27	Green Fine	0	Fine byte of Green
28	Blue	0	
29	Blue Fine	0	Fine byte of Blue
30	Color Add RY	0	
31	Color Add RY Fine	0	Fine byte of Color Add RY
32	Color Add GY	0	
33	Color Add GY Fine	0	Fine byte of Color Add GY
34	Color Add C	0	
35	Color Add C Fine	0	Fine byte of Color Add C

41CH Pattern (continued)

Ch	Function	Default	DMX values
36	C TC	0	0–5 Off 6–6 Warm white 7–46 Warm white to 2700K 47–47 Bulb White (2700K) 48–87 2700K to 3200K 88–88 Halogen White (3200K) 89–128 3200K to 4000K 129–129 Neutral White (4000K) 130–169 4000K to 5600K 170–170 Studio White (5600K) 171–210 5600K to 6500K 211–211 Daylight White (6500K) 212–251 6500K to Cold white 252–255 Cold white
37	Tint	128	0–0 Off 1–127 Magenta -> Neutral 128–128 Neutral 129–255 Neutral -> Green

41CH Pattern (continued)

Ch	Function	Default	DMX values
38	Color Wheel	0	0–5 No function (wheel slot 1) 6–9 46 Dark Magenta (wheel slot 2) 10–13 29 Plasa Red (wheel slot 3) 14–17 26 Bright Red (wheel slot 4) 18–21 127 Smokey Pink (wheel slot 5) 22–25 36 Medium Pink (wheel slot 6) 26–29 19 Fire (wheel slot 7) 30–33 135 Deep Golden Amber (wheel slot 8) 34–37 778 Millennium Gold (wheel slot 9) 38–41 21 Gold Amber (wheel slot 10) 42–45 157 Pink (wheel slot 11) 46–49 110 Middle Rose (wheel slot 12) 50–53 109 Light Salmon (wheel slot 13) 54–57 35 Light Pink (wheel slot 14) 58–61 134 Golden Amber (wheel slot 15) 62–65 17 Surprise Peach (wheel slot 16) 66–69 746 Brown (wheel slot 17) 70–73 105 Orange (wheel slot 18) 74–77 20 Medium Amber (wheel slot 19) 78–81 768 Egg Yolk Yellow (wheel slot 20) 82–85 15 Deep Straw (wheel slot 21) 86–89 767 Nectarine (wheel slot 22) 90–93 101 Yellow (wheel slot 23) 94–97 100 Spring Yellow (wheel slot 24) 98–101 88 Lime Green (wheel slot 25) 102–105 121 LEE Green (wheel slot 26) 106–109 738 Jas Green (wheel slot 27) 110–113 89 Moss Green (wheel slot 28) 114–117 139 Primary Green (wheel slot 29) 118–121 124 Dark Green (wheel slot 30) 122–125 323 Jade (wheel slot 31) 126–129 354 Special Steel Blue (wheel slot 32) 130–133 116 Medium Blue-Green (wheel slot 33) 134–137 183 Moonlight Blue (wheel slot 34) 138–141 132 Medium Blue (wheel slot 35) 142–145 119 Dark Blue (wheel slot 36) 146–149 716 Mikkel Blue (wheel slot 37) 150–153 71 Tokyo Blue (wheel slot 38) 154–157 181 Congo Blue (wheel slot 39) 158–161 799 Special KH Lavender (wheel slot 40) 162–165 707 Ultimate Violet (wheel slot 41) 166–169 343 Special Medium Lavender (wheel slot 42) 170–173 798 Chrysalis Pink (wheel slot 43) 174–177 701 Provence (wheel slot 44) 178–181 797 Deep Purple (wheel slot 45) 182–185 48 Rose Purple (wheel slot 46) 186–189 345 Fuchsia Pink (wheel slot 47) 190–193 795 Magical Magenta (wheel slot 48) 194–197 128 Bright Pink (wheel slot 49) 198–201 2 Rose Pink (wheel slot 50) 202–255 No function (wheel slot 1)
39	Zoom	0	
40	Control1	0	
41	Fans	0	0–5 Read from Menu 6–11 Auto 12–17 Off 18–23 Constant Low 24–29 Constant Mid 30–35 Constant High 36–41 Stage 42–154 Read from Menu 155–255 Manual Mode