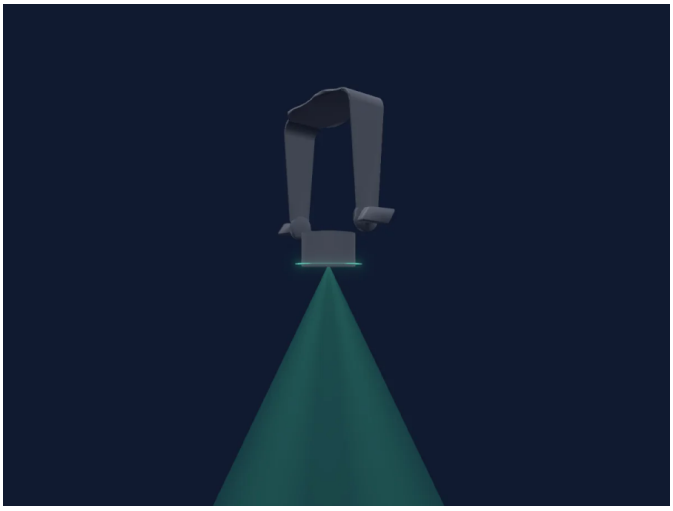
OGSON fixtures

Elation SOL I Blinder



Manufacturer	**OGSON fixtures**
Type	**Blinder**
DMX modes	**12**
DMX footprint	**1, 2, 3, 4, 6, 7, 10, 13, 15, 21 channels**
Beam angle	**52°**
Size (W × H × D)	**190 × 190 × 190 mm**
GDTF fixture type	**2B030E18-4118-4292-8141-106…**

Controls

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

Safety-relevant functions

Strobe

DMX modes

Dimmer 1CH	1 ch
Dimmer and CCT 2CH	2 ch
Dimmer/ Strobe/CCT 3CH	3 ch
IRGB 4CH	4 ch
Raw Color 6CH	6 ch
Dim/CCT/Color Picker 7CH	7 ch
CMY 10CH	10 ch
RGB 10CH	10 ch
Std 13CH	13 ch
CMY Ext 15CH	15 ch
RGB ext 15CH	15 ch
Ext 21CH	21 ch

Dimmer 1CH

1 channel

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent

Dimmer and CCT 2CH

2 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
2	C TO	0	

Dimmer/ Strobe/CCT 3CH

3 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
2	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
3	C TO	0	

IRGB 4CH

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
2	Red	255	0–63 0% Red 64–127 25% Red 128–190 50% Red 191–254 75% Red 255–255 100% Red
3	Green	255	0–63 0% Green 64–127 25% Green 128–190 50% Green 191–254 75% Green 255–255 100% Green

IRGB 4CH (continued)

Ch	Function	Default	DMX values
4	Blue	255	0–63 0% Blue 64–127 25% Blue 128–190 50% Blue 191–254 75% Blue 255–255 100% Blue

Raw Color 6CH

6 channels

Ch	Function	Default	DMX values
1	Red	255	0–254 Red Min 255–255 Red Max
2	Green	255	0–254 Green Min 255–255 Green Max
3	Blue	255	0–254 Blue Min 255–255 Blue Max
4	Color Add GY	0	0–254 Lime Min 255–255 Lime Max
5	Color Add RY	255	0–254 Amber Min 255–255 Amber Max
6	White	255	0–254 White Min 255–255 White Max

Dim/CCT/Color Picker 7CH

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
4	C TO	0	
5	Tint	127	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green

Dim/CCT/Color Picker 7CH (continued)

Ch	Function	Default	DMX values
6	Color Wheel 2	0	0–0 Open (wheel slot 61) 1–1 LEE 007 - Pale Yellow (wheel slot 1) 2–2 LEE 103 - Straw (wheel slot 2) 3–3 LEE 151 - Gold Tint (wheel slot 3) 4–4 LEE 100 - Spring Yellow (wheel slot 4) 5–5 LEE 010 - Medium Yellow (wheel slot 5) 6–6 LEE 101 - Yellow (wheel slot 6) 7–7 LEE 104 - Deep Amber (wheel slot 7) 8–8 LEE 015 - Deep Straw (wheel slot 8) 9–9 LEE 179 - Chrome Orange (wheel slot 9) 10–10 LEE 021 - Gold Amber (wheel slot 10) 11–11 LEE 105 - Orange (wheel slot 11) 12–12 LEE 158 - Deep Orange (wheel slot 12) 13–13 LEE 022 - Dark Amber (wheel slot 13) 14–14 LEE 778 - Millenium Gold (wheel slot 14) 15–15 LEE 135 - Deep Gold Amber (wheel slot 15) 16–16 LEE 024 - Scarlet (wheel slot 16) 17–17 LEE 106 - Primary Red (wheel slot 17) 18–18 LEE 026 - Bright Red (wheel slot 18) 19–19 LEE 027 - Medium Red (wheel slot 19) 20–20 LEE 019 - Fire (wheel slot 20) 21–21 LEE 157 - Pink (wheel slot 21) 22–22 LEE 036 - Medium Pink (wheel slot 22) 23–23 LEE 111 - Dark Pink (wheel slot 23) 24–24 LEE 128 - Bright Pink (wheel slot 24) 25–25 LEE 148 - Bright Rose (wheel slot 25) 26–26 LEE 332 - Special Rose Pink (wheel slot 26) 27–27 LEE 793 - Vanity Fair (wheel slot 27) 28–28 LEE 113 - Magenta (wheel slot 28) 29–29 LEE 046 - Dark Magenta (wheel slot 29) 30–30 LEE 048 - Rose Purple (wheel slot 30) 31–31 LEE 126 - Mauve (wheel slot 31) 32–32 LEE 049 - Medium Purple (wheel slot 32) 33–33 LEE 058 - Lavender (wheel slot 33) 34–34 LEE 197 - Alice Blue (wheel slot 34) 35–35 LEE 119 - Dark Blue (wheel slot 35) 36–36 LEE 132 - Medium Blue (wheel slot 36) 37–37 LEE 120 - Deep Blue (wheel slot 37) 38–38 LEE 165 - Daylight Blue (wheel slot 38) 39–39 LEE 161 - Slate Blue (wheel slot 39) 40–40 LEE 118 - Light Blue (wheel slot 40) 41–41 LEE 068 - Sky Blue (wheel slot 41) 42–42 LEE 143 - Pale Navy Blue (wheel slot 42) 43–43 LEE 131 - Marine Blue (wheel slot 43) 44–44 LEE 115 - Peacock Blue (wheel slot 44) 45–45 LEE 172 - Lagoon Blue (wheel slot 45) 46–46 LEE 116 - Medium Blue Green (wheel slot 46) 47–47 LEE 090 - Dark Yellow Green (wheel slot 47) 48–48 LEE 139 - Primary Green (wheel slot 48) 49–49 LEE 122 - Fern Green (wheel slot 49) 50–50 LEE 089 - Moss Green (wheel slot 50) 51–51 LEE 124 - Dark Green (wheel slot 51) 52–52 LEE 088 - Lime Green (wheel slot 52) 53–53 LEE 138 - Pale Green (wheel slot 53) 54–54 LEE 203 - Quarter C T Blue (wheel slot 54) 55–55 LEE 202 - Half C T Blue (wheel slot 55) 56–56 LEE 201 - Full C T Blue (wheel slot 56) 57–57 LEE 200 - Double C T Blue (wheel slot 57) 58–58 LEE 206 - Quarter C T Orange (wheel slot 58) 59–59 LEE 205 - Half C T Orange (wheel slot 59) 60–60 LEE 204 - Full C T Orange (wheel slot 60) 61–179 Open (wheel slot 61) 180–201 Clockwise fast to slow 202–207 Stop

Dim/CCT/Color Picker 7CH (continued)

Ch	Function	Default	DMX values
7	Function	0	

CMY 10CH

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
4	Color Add C	0	0–62 0 % 63–126 25% 127–190 50% 191–254 75% 255–255 100%
5	Color Add M	0	0–62 0 % 63–126 25% 127–190 50% 191–254 75% 255–255 100 %
6	Color Add Y	0	0–62 0% 63–126 25% 127–190 50% 191–254 75% 255–255 100%
7	C TO	0	
8	Tint	127	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green

CMY 10CH (continued)

Ch	Function	Default	DMX values
9	Color Wheel 2	0	0–0 Open (wheel slot 61) 1–1 LEE 007 - Pale Yellow (wheel slot 1) 2–2 LEE 103 - Straw (wheel slot 2) 3–3 LEE 151 - Gold Tint (wheel slot 3) 4–4 LEE 100 - Spring Yellow (wheel slot 4) 5–5 LEE 010 - Medium Yellow (wheel slot 5) 6–6 LEE 101 - Yellow (wheel slot 6) 7–7 LEE 104 - Deep Amber (wheel slot 7) 8–8 LEE 015 - Deep Straw (wheel slot 8) 9–9 LEE 179 - Chrome Orange (wheel slot 9) 10–10 LEE 021 - Gold Amber (wheel slot 10) 11–11 LEE 105 - Orange (wheel slot 11) 12–12 LEE 158 - Deep Orange (wheel slot 12) 13–13 LEE 022 - Dark Amber (wheel slot 13) 14–14 LEE 778 - Millenium Gold (wheel slot 14) 15–15 LEE 135 - Deep Gold Amber (wheel slot 15) 16–16 LEE 024 - Scarlet (wheel slot 16) 17–17 LEE 106 - Primary Red (wheel slot 17) 18–18 LEE 026 - Bright Red (wheel slot 18) 19–19 LEE 027 - Medium Red (wheel slot 19) 20–20 LEE 019 - Fire (wheel slot 20) 21–21 LEE 157 - Pink (wheel slot 21) 22–22 LEE 036 - Medium Pink (wheel slot 22) 23–23 LEE 111 - Dark Pink (wheel slot 23) 24–24 LEE 128 - Bright Pink (wheel slot 24) 25–25 LEE 148 - Bright Rose (wheel slot 25) 26–26 LEE 332 - Special Rose Pink (wheel slot 26) 27–27 LEE 793 - Vanity Fair (wheel slot 27) 28–28 LEE 113 - Magenta (wheel slot 28) 29–29 LEE 046 - Dark Magenta (wheel slot 29) 30–30 LEE 048 - Rose Purple (wheel slot 30) 31–31 LEE 126 - Mauve (wheel slot 31) 32–32 LEE 049 - Medium Purple (wheel slot 32) 33–33 LEE 058 - Lavender (wheel slot 33) 34–34 LEE 197 - Alice Blue (wheel slot 34) 35–35 LEE 119 - Dark Blue (wheel slot 35) 36–36 LEE 132 - Medium Blue (wheel slot 36) 37–37 LEE 120 - Deep Blue (wheel slot 37) 38–38 LEE 165 - Daylight Blue (wheel slot 38) 39–39 LEE 161 - Slate Blue (wheel slot 39) 40–40 LEE 118 - Light Blue (wheel slot 40) 41–41 LEE 068 - Sky Blue (wheel slot 41) 42–42 LEE 143 - Pale Navy Blue (wheel slot 42) 43–43 LEE 131 - Marine Blue (wheel slot 43) 44–44 LEE 115 - Peacock Blue (wheel slot 44) 45–45 LEE 172 - Lagoon Blue (wheel slot 45) 46–46 LEE 116 - Medium Blue Green (wheel slot 46) 47–47 LEE 090 - Dark Yellow Green (wheel slot 47) 48–48 LEE 139 - Primary Green (wheel slot 48) 49–49 LEE 122 - Fern Green (wheel slot 49) 50–50 LEE 089 - Moss Green (wheel slot 50) 51–51 LEE 124 - Dark Green (wheel slot 51) 52–52 LEE 088 - Lime Green (wheel slot 52) 53–53 LEE 138 - Pale Green (wheel slot 53) 54–54 LEE 203 - Quarter C T Blue (wheel slot 54) 55–55 LEE 202 - Half C T Blue (wheel slot 55) 56–56 LEE 201 - Full C T Blue (wheel slot 56) 57–57 LEE 200 - Double C T Blue (wheel slot 57) 58–58 LEE 206 - Quarter C T Orange (wheel slot 58) 59–59 LEE 205 - Half C T Orange (wheel slot 59) 60–60 LEE 204 - Full C T Orange (wheel slot 60) 61–179 Open (wheel slot 61) 180–201 Clockwise fast to slow 202–207 Stop

CMY 10CH (continued)

Ch	Function	Default	DMX values
10	Function	0	

RGB 10CH

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
4	Red	255	0–63 0% Red 64–127 25% Red 128–190 50% Red 191–254 75% Red 255–255 100% Red
5	Green	255	0–63 0% Green 64–127 25% Green 128–190 50% Green 191–254 75% Green 255–255 100% Green
6	Blue	255	0–63 0% Blue 64–127 25% Blue 128–190 50% Blue 191–254 75% Blue 255–255 100% Blue
7	C TO	0	
8	Tint	127	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green

RGB 10CH (continued)

Ch	Function	Default	DMX values
9	Color Wheel 2	0	0–0 Open (wheel slot 61) 1–1 LEE 007 - Pale Yellow (wheel slot 1) 2–2 LEE 103 - Straw (wheel slot 2) 3–3 LEE 151 - Gold Tint (wheel slot 3) 4–4 LEE 100 - Spring Yellow (wheel slot 4) 5–5 LEE 010 - Medium Yellow (wheel slot 5) 6–6 LEE 101 - Yellow (wheel slot 6) 7–7 LEE 104 - Deep Amber (wheel slot 7) 8–8 LEE 015 - Deep Straw (wheel slot 8) 9–9 LEE 179 - Chrome Orange (wheel slot 9) 10–10 LEE 021 - Gold Amber (wheel slot 10) 11–11 LEE 105 - Orange (wheel slot 11) 12–12 LEE 158 - Deep Orange (wheel slot 12) 13–13 LEE 022 - Dark Amber (wheel slot 13) 14–14 LEE 778 - Millenium Gold (wheel slot 14) 15–15 LEE 135 - Deep Gold Amber (wheel slot 15) 16–16 LEE 024 - Scarlet (wheel slot 16) 17–17 LEE 106 - Primary Red (wheel slot 17) 18–18 LEE 026 - Bright Red (wheel slot 18) 19–19 LEE 027 - Medium Red (wheel slot 19) 20–20 LEE 019 - Fire (wheel slot 20) 21–21 LEE 157 - Pink (wheel slot 21) 22–22 LEE 036 - Medium Pink (wheel slot 22) 23–23 LEE 111 - Dark Pink (wheel slot 23) 24–24 LEE 128 - Bright Pink (wheel slot 24) 25–25 LEE 148 - Bright Rose (wheel slot 25) 26–26 LEE 332 - Special Rose Pink (wheel slot 26) 27–27 LEE 793 - Vanity Fair (wheel slot 27) 28–28 LEE 113 - Magenta (wheel slot 28) 29–29 LEE 046 - Dark Magenta (wheel slot 29) 30–30 LEE 048 - Rose Purple (wheel slot 30) 31–31 LEE 126 - Mauve (wheel slot 31) 32–32 LEE 049 - Medium Purple (wheel slot 32) 33–33 LEE 058 - Lavender (wheel slot 33) 34–34 LEE 197 - Alice Blue (wheel slot 34) 35–35 LEE 119 - Dark Blue (wheel slot 35) 36–36 LEE 132 - Medium Blue (wheel slot 36) 37–37 LEE 120 - Deep Blue (wheel slot 37) 38–38 LEE 165 - Daylight Blue (wheel slot 38) 39–39 LEE 161 - Slate Blue (wheel slot 39) 40–40 LEE 118 - Light Blue (wheel slot 40) 41–41 LEE 068 - Sky Blue (wheel slot 41) 42–42 LEE 143 - Pale Navy Blue (wheel slot 42) 43–43 LEE 131 - Marine Blue (wheel slot 43) 44–44 LEE 115 - Peacock Blue (wheel slot 44) 45–45 LEE 172 - Lagoon Blue (wheel slot 45) 46–46 LEE 116 - Medium Blue Green (wheel slot 46) 47–47 LEE 090 - Dark Yellow Green (wheel slot 47) 48–48 LEE 139 - Primary Green (wheel slot 48) 49–49 LEE 122 - Fern Green (wheel slot 49) 50–50 LEE 089 - Moss Green (wheel slot 50) 51–51 LEE 124 - Dark Green (wheel slot 51) 52–52 LEE 088 - Lime Green (wheel slot 52) 53–53 LEE 138 - Pale Green (wheel slot 53) 54–54 LEE 203 - Quarter C T Blue (wheel slot 54) 55–55 LEE 202 - Half C T Blue (wheel slot 55) 56–56 LEE 201 - Full C T Blue (wheel slot 56) 57–57 LEE 200 - Double C T Blue (wheel slot 57) 58–58 LEE 206 - Quarter C T Orange (wheel slot 58) 59–59 LEE 205 - Half C T Orange (wheel slot 59) 60–60 LEE 204 - Full C T Orange (wheel slot 60) 61–179 Open (wheel slot 61) 180–201 Clockwise fast to slow 202–207 Stop

RGB 10CH (continued)

Ch	Function	Default	DMX values
10	Function	0	

Std 13CH

13 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
4	Red	255	0–63 0% Red 64–127 25% Red 128–190 50% Red 191–254 75% Red 255–255 100% Red
5	Green	255	0–63 0% Green 64–127 25% Green 128–190 50% Green 191–254 75% Green 255–255 100% Green
6	Blue	255	0–63 0% Blue 64–127 25% Blue 128–190 50% Blue 191–254 75% Blue 255–255 100% Blue
7	Color Add GY	255	0–63 0% Lime 64–127 25% Lime 128–190 50% Lime 191–254 75% Lime 255–255 100% Lime
8	Color Add RY	255	0–63 0% Amber 64–127 25% Amber 128–190 50% Amber 191–254 75% Amber 255–255 100% Amber
9	White	255	0–63 0% White 64–127 25% White 128–190 50% White 191–254 75% White 255–255 100% White

Std 13CH (continued)

Ch	Function	Default	DMX values
10	Color Wheel	0	0–17 Open (wheel slot 1) 18–18 1800 (wheel slot 4) 19–19 1900 (wheel slot 5) 20–20 2000 (wheel slot 6) 21–21 2100 (wheel slot 7) 22–22 2200 (wheel slot 8) 23–23 2300 (wheel slot 9) 24–24 2400 (wheel slot 10) 25–25 2500 (wheel slot 11) 26–26 2600 (wheel slot 12) 27–27 2700 (wheel slot 13) 28–28 2800 (wheel slot 14) 29–29 2900 (wheel slot 15) 30–30 3000 (wheel slot 16) 31–31 3100 (wheel slot 17) 32–32 3200 (wheel slot 18) 33–33 3300 (wheel slot 19) 34–34 3400 (wheel slot 20) 35–35 3500 (wheel slot 21) 36–36 3600 (wheel slot 22) 37–37 3700 (wheel slot 23) 38–38 3800 (wheel slot 24) 39–39 3900 (wheel slot 25) 40–40 4000 (wheel slot 26) 41–41 4100 (wheel slot 27) 42–42 4200 (wheel slot 28) 43–43 4300 (wheel slot 29) 44–44 4400 (wheel slot 30) 45–45 4500 (wheel slot 31) 46–46 4600 (wheel slot 32) 47–47 4700 (wheel slot 33) 48–48 4800 (wheel slot 34) 49–49 4900 (wheel slot 35) 50–50 5000 (wheel slot 36) 51–51 5100 (wheel slot 37) 52–52 5200 (wheel slot 38) 53–53 5300 (wheel slot 39) 54–54 5400 (wheel slot 40) 55–55 5500 (wheel slot 41) 56–56 5600 (wheel slot 42) 57–57 5700 (wheel slot 43) 58–58 5800 (wheel slot 44) 59–59 5900 (wheel slot 45) 60–60 6000 (wheel slot 46) 61–61 6100 (wheel slot 47) 62–62 6200 (wheel slot 48) 63–63 6300 (wheel slot 49) 64–64 6400 (wheel slot 50) 65–65 6500 (wheel slot 51) 66–66 6600 (wheel slot 52) 67–67 6700 (wheel slot 53) 68–68 6800 (wheel slot 54) 69–69 6900 (wheel slot 55) 70–70 7000 (wheel slot 56) 71–71 7100 (wheel slot 57) 72–72 7200 (wheel slot 58) 73–73 7300 (wheel slot 59) 74–74 7400 (wheel slot 60) 75–75 7500 (wheel slot 61) 76–76 7600 (wheel slot 62) 77–77 7700 (wheel slot 63) 78–78 7800 (wheel slot 64) 79–79 7900 (wheel slot 65) 80–80 8000 (wheel slot 66)

Std 13CH (continued)

Ch	Function	Default	DMX values
11	Tint	127	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green

Std 13CH (continued)

Ch	Function	Default	DMX values
12	Color Wheel 2	0	0–0 Open (wheel slot 61) 1–1 LEE 007 - Pale Yellow (wheel slot 1) 2–2 LEE 103 - Straw (wheel slot 2) 3–3 LEE 151 - Gold Tint (wheel slot 3) 4–4 LEE 100 - Spring Yellow (wheel slot 4) 5–5 LEE 010 - Medium Yellow (wheel slot 5) 6–6 LEE 101 - Yellow (wheel slot 6) 7–7 LEE 104 - Deep Amber (wheel slot 7) 8–8 LEE 015 - Deep Straw (wheel slot 8) 9–9 LEE 179 - Chrome Orange (wheel slot 9) 10–10 LEE 021 - Gold Amber (wheel slot 10) 11–11 LEE 105 - Orange (wheel slot 11) 12–12 LEE 158 - Deep Orange (wheel slot 12) 13–13 LEE 022 - Dark Amber (wheel slot 13) 14–14 LEE 778 - Millenium Gold (wheel slot 14) 15–15 LEE 135 - Deep Gold Amber (wheel slot 15) 16–16 LEE 024 - Scarlet (wheel slot 16) 17–17 LEE 106 - Primary Red (wheel slot 17) 18–18 LEE 026 - Bright Red (wheel slot 18) 19–19 LEE 027 - Medium Red (wheel slot 19) 20–20 LEE 019 - Fire (wheel slot 20) 21–21 LEE 157 - Pink (wheel slot 21) 22–22 LEE 036 - Medium Pink (wheel slot 22) 23–23 LEE 111 - Dark Pink (wheel slot 23) 24–24 LEE 128 - Bright Pink (wheel slot 24) 25–25 LEE 148 - Bright Rose (wheel slot 25) 26–26 LEE 332 - Special Rose Pink (wheel slot 26) 27–27 LEE 793 - Vanity Fair (wheel slot 27) 28–28 LEE 113 - Magenta (wheel slot 28) 29–29 LEE 046 - Dark Magenta (wheel slot 29) 30–30 LEE 048 - Rose Purple (wheel slot 30) 31–31 LEE 126 - Mauve (wheel slot 31) 32–32 LEE 049 - Medium Purple (wheel slot 32) 33–33 LEE 058 - Lavender (wheel slot 33) 34–34 LEE 197 - Alice Blue (wheel slot 34) 35–35 LEE 119 - Dark Blue (wheel slot 35) 36–36 LEE 132 - Medium Blue (wheel slot 36) 37–37 LEE 120 - Deep Blue (wheel slot 37) 38–38 LEE 165 - Daylight Blue (wheel slot 38) 39–39 LEE 161 - Slate Blue (wheel slot 39) 40–40 LEE 118 - Light Blue (wheel slot 40) 41–41 LEE 068 - Sky Blue (wheel slot 41) 42–42 LEE 143 - Pale Navy Blue (wheel slot 42) 43–43 LEE 131 - Marine Blue (wheel slot 43) 44–44 LEE 115 - Peacock Blue (wheel slot 44) 45–45 LEE 172 - Lagoon Blue (wheel slot 45) 46–46 LEE 116 - Medium Blue Green (wheel slot 46) 47–47 LEE 090 - Dark Yellow Green (wheel slot 47) 48–48 LEE 139 - Primary Green (wheel slot 48) 49–49 LEE 122 - Fern Green (wheel slot 49) 50–50 LEE 089 - Moss Green (wheel slot 50) 51–51 LEE 124 - Dark Green (wheel slot 51) 52–52 LEE 088 - Lime Green (wheel slot 52) 53–53 LEE 138 - Pale Green (wheel slot 53) 54–54 LEE 203 - Quarter C T Blue (wheel slot 54) 55–55 LEE 202 - Half C T Blue (wheel slot 55) 56–56 LEE 201 - Full C T Blue (wheel slot 56) 57–57 LEE 200 - Double C T Blue (wheel slot 57) 58–58 LEE 206 - Quarter C T Orange (wheel slot 58) 59–59 LEE 205 - Half C T Orange (wheel slot 59) 60–60 LEE 204 - Full C T Orange (wheel slot 60) 61–179 Open (wheel slot 61) 180–201 Clockwise fast to slow 202–207 Stop

Std 13CH (continued)

Ch	Function	Default	DMX values
13	Function	0	

CMY Ext 15CH

15 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
4	Color Add C	0	0–63 0 % 64–127 25% 128–190 50% 191–254 75% 255–255 100%
5	Color Add C Fine	0	Fine byte of Color Add C
6	Color Add M	0	0–63 0 % 64–127 25% 128–190 50% 191–254 75% 255–255 100 %
7	Color Add M Fine	0	Fine byte of Color Add M
8	Color Add Y	0	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
9	Color Add Y Fine	0	Fine byte of Color Add Y
10	C TO	0	0–23 Open (wheel slot 1) 24–255 2400K to 8500K
11	C TO Fine	0	Fine byte of C TO
12	Tint	127	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green

CMY Ext 15CH (continued)

Ch	Function	Default	DMX values
13	Color Wheel 2	0	0–0 Open (wheel slot 61) 1–1 LEE 007 - Pale Yellow (wheel slot 1) 2–2 LEE 103 - Straw (wheel slot 2) 3–3 LEE 151 - Gold Tint (wheel slot 3) 4–4 LEE 100 - Spring Yellow (wheel slot 4) 5–5 LEE 010 - Medium Yellow (wheel slot 5) 6–6 LEE 101 - Yellow (wheel slot 6) 7–7 LEE 104 - Deep Amber (wheel slot 7) 8–8 LEE 015 - Deep Straw (wheel slot 8) 9–9 LEE 179 - Chrome Orange (wheel slot 9) 10–10 LEE 021 - Gold Amber (wheel slot 10) 11–11 LEE 105 - Orange (wheel slot 11) 12–12 LEE 158 - Deep Orange (wheel slot 12) 13–13 LEE 022 - Dark Amber (wheel slot 13) 14–14 LEE 778 - Millenium Gold (wheel slot 14) 15–15 LEE 135 - Deep Gold Amber (wheel slot 15) 16–16 LEE 024 - Scarlet (wheel slot 16) 17–17 LEE 106 - Primary Red (wheel slot 17) 18–18 LEE 026 - Bright Red (wheel slot 18) 19–19 LEE 027 - Medium Red (wheel slot 19) 20–20 LEE 019 - Fire (wheel slot 20) 21–21 LEE 157 - Pink (wheel slot 21) 22–22 LEE 036 - Medium Pink (wheel slot 22) 23–23 LEE 111 - Dark Pink (wheel slot 23) 24–24 LEE 128 - Bright Pink (wheel slot 24) 25–25 LEE 148 - Bright Rose (wheel slot 25) 26–26 LEE 332 - Special Rose Pink (wheel slot 26) 27–27 LEE 793 - Vanity Fair (wheel slot 27) 28–28 LEE 113 - Magenta (wheel slot 28) 29–29 LEE 046 - Dark Magenta (wheel slot 29) 30–30 LEE 048 - Rose Purple (wheel slot 30) 31–31 LEE 126 - Mauve (wheel slot 31) 32–32 LEE 049 - Medium Purple (wheel slot 32) 33–33 LEE 058 - Lavender (wheel slot 33) 34–34 LEE 197 - Alice Blue (wheel slot 34) 35–35 LEE 119 - Dark Blue (wheel slot 35) 36–36 LEE 132 - Medium Blue (wheel slot 36) 37–37 LEE 120 - Deep Blue (wheel slot 37) 38–38 LEE 165 - Daylight Blue (wheel slot 38) 39–39 LEE 161 - Slate Blue (wheel slot 39) 40–40 LEE 118 - Light Blue (wheel slot 40) 41–41 LEE 068 - Sky Blue (wheel slot 41) 42–42 LEE 143 - Pale Navy Blue (wheel slot 42) 43–43 LEE 131 - Marine Blue (wheel slot 43) 44–44 LEE 115 - Peacock Blue (wheel slot 44) 45–45 LEE 172 - Lagoon Blue (wheel slot 45) 46–46 LEE 116 - Medium Blue Green (wheel slot 46) 47–47 LEE 090 - Dark Yellow Green (wheel slot 47) 48–48 LEE 139 - Primary Green (wheel slot 48) 49–49 LEE 122 - Fern Green (wheel slot 49) 50–50 LEE 089 - Moss Green (wheel slot 50) 51–51 LEE 124 - Dark Green (wheel slot 51) 52–52 LEE 088 - Lime Green (wheel slot 52) 53–53 LEE 138 - Pale Green (wheel slot 53) 54–54 LEE 203 - Quarter C T Blue (wheel slot 54) 55–55 LEE 202 - Half C T Blue (wheel slot 55) 56–56 LEE 201 - Full C T Blue (wheel slot 56) 57–57 LEE 200 - Double C T Blue (wheel slot 57) 58–58 LEE 206 - Quarter C T Orange (wheel slot 58) 59–59 LEE 205 - Half C T Orange (wheel slot 59) 60–60 LEE 204 - Full C T Orange (wheel slot 60) 61–179 Open (wheel slot 61) 180–201 Clockwise fast to slow 202–207 Stop

CMY Ext 15CH (continued)

Ch	Function	Default	DMX values
14	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–120 Stage 2 121–121 0s 122–122 01s 123–123 02s 124–124 03s 125–125 04s 126–126 05s 127–127 06s 128–128 07s 129–129 08s 130–130 09s 131–131 1s 132–132 1*5s 133–133 2s 134–134 3s 135–135 4s 136–136 5s 137–137 6s 138–138 7s 139–139 8s 140–140 9s 141–141 10s 142–149 Idle 150–154 DTW On 155–159 DTW Off 160–255 Idle
15	Function	0	

RGB ext 15CH

15 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
4	Red	255	0–63 0% Red 64–127 25% Red 128–190 50% Red 191–254 75% Red 255–255 100% Red
5	Red Fine	255	Fine byte of Red

RGB ext 15CH (continued)

Ch	Function	Default	DMX values
6	Green	255	0–63 0% Green 64–127 25% Green 128–190 50% Green 191–254 75% Green 255–255 100% Green
7	Green Fine	255	Fine byte of Green
8	Blue	255	0–63 0% Blue 64–127 25% Blue 128–190 50% Blue 191–254 75% Blue 255–255 100% Blue
9	Blue Fine	255	Fine byte of Blue
10	C TO	0	0–23 Open (wheel slot 1) 24–255 2400K to 8500K
11	C TO Fine	0	Fine byte of C TO
12	Tint	127	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green

RGB ext 15CH (continued)

Ch	Function	Default	DMX values
13	Color Wheel 2	0	0–0 Open (wheel slot 61) 1–1 LEE 007 - Pale Yellow (wheel slot 1) 2–2 LEE 103 - Straw (wheel slot 2) 3–3 LEE 151 - Gold Tint (wheel slot 3) 4–4 LEE 100 - Spring Yellow (wheel slot 4) 5–5 LEE 010 - Medium Yellow (wheel slot 5) 6–6 LEE 101 - Yellow (wheel slot 6) 7–7 LEE 104 - Deep Amber (wheel slot 7) 8–8 LEE 015 - Deep Straw (wheel slot 8) 9–9 LEE 179 - Chrome Orange (wheel slot 9) 10–10 LEE 021 - Gold Amber (wheel slot 10) 11–11 LEE 105 - Orange (wheel slot 11) 12–12 LEE 158 - Deep Orange (wheel slot 12) 13–13 LEE 022 - Dark Amber (wheel slot 13) 14–14 LEE 778 - Millenium Gold (wheel slot 14) 15–15 LEE 135 - Deep Gold Amber (wheel slot 15) 16–16 LEE 024 - Scarlet (wheel slot 16) 17–17 LEE 106 - Primary Red (wheel slot 17) 18–18 LEE 026 - Bright Red (wheel slot 18) 19–19 LEE 027 - Medium Red (wheel slot 19) 20–20 LEE 019 - Fire (wheel slot 20) 21–21 LEE 157 - Pink (wheel slot 21) 22–22 LEE 036 - Medium Pink (wheel slot 22) 23–23 LEE 111 - Dark Pink (wheel slot 23) 24–24 LEE 128 - Bright Pink (wheel slot 24) 25–25 LEE 148 - Bright Rose (wheel slot 25) 26–26 LEE 332 - Special Rose Pink (wheel slot 26) 27–27 LEE 793 - Vanity Fair (wheel slot 27) 28–28 LEE 113 - Magenta (wheel slot 28) 29–29 LEE 046 - Dark Magenta (wheel slot 29) 30–30 LEE 048 - Rose Purple (wheel slot 30) 31–31 LEE 126 - Mauve (wheel slot 31) 32–32 LEE 049 - Medium Purple (wheel slot 32) 33–33 LEE 058 - Lavender (wheel slot 33) 34–34 LEE 197 - Alice Blue (wheel slot 34) 35–35 LEE 119 - Dark Blue (wheel slot 35) 36–36 LEE 132 - Medium Blue (wheel slot 36) 37–37 LEE 120 - Deep Blue (wheel slot 37) 38–38 LEE 165 - Daylight Blue (wheel slot 38) 39–39 LEE 161 - Slate Blue (wheel slot 39) 40–40 LEE 118 - Light Blue (wheel slot 40) 41–41 LEE 068 - Sky Blue (wheel slot 41) 42–42 LEE 143 - Pale Navy Blue (wheel slot 42) 43–43 LEE 131 - Marine Blue (wheel slot 43) 44–44 LEE 115 - Peacock Blue (wheel slot 44) 45–45 LEE 172 - Lagoon Blue (wheel slot 45) 46–46 LEE 116 - Medium Blue Green (wheel slot 46) 47–47 LEE 090 - Dark Yellow Green (wheel slot 47) 48–48 LEE 139 - Primary Green (wheel slot 48) 49–49 LEE 122 - Fern Green (wheel slot 49) 50–50 LEE 089 - Moss Green (wheel slot 50) 51–51 LEE 124 - Dark Green (wheel slot 51) 52–52 LEE 088 - Lime Green (wheel slot 52) 53–53 LEE 138 - Pale Green (wheel slot 53) 54–54 LEE 203 - Quarter C T Blue (wheel slot 54) 55–55 LEE 202 - Half C T Blue (wheel slot 55) 56–56 LEE 201 - Full C T Blue (wheel slot 56) 57–57 LEE 200 - Double C T Blue (wheel slot 57) 58–58 LEE 206 - Quarter C T Orange (wheel slot 58) 59–59 LEE 205 - Half C T Orange (wheel slot 59) 60–60 LEE 204 - Full C T Orange (wheel slot 60) 61–179 Open (wheel slot 61) 180–201 Clockwise fast to slow 202–207 Stop

RGB ext 15CH (continued)

Ch	Function	Default	DMX values
14	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–120 Stage 2 121–121 0s 122–122 01s 123–123 02s 124–124 03s 125–125 04s 126–126 05s 127–127 06s 128–128 07s 129–129 08s 130–130 09s 131–131 1s 132–132 1*5s 133–133 2s 134–134 3s 135–135 4s 136–136 5s 137–137 6s 138–138 7s 139–139 8s 140–140 9s 141–141 10s 142–149 Idle 150–154 DTW On 155–159 DTW Off 160–255 Idle
15	Function	0	

Ext 21CH

21 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
4	Red	255	0–63 0% Red 64–127 25% Red 128–190 50% Red 191–254 75% Red 255–255 100% Red
5	Red Fine	255	Fine byte of Red

Ext 21CH (continued)

Ch	Function	Default	DMX values
6	Green	255	0–63 0% Green 64–127 25% Green 128–190 50% Green 191–254 75% Green 255–255 100% Green
7	Green Fine	255	Fine byte of Green
8	Blue	255	0–63 0% Blue 64–127 25% Blue 128–190 50% Blue 191–254 75% Blue 255–255 100% Blue
9	Blue Fine	255	Fine byte of Blue
10	Color Add GY	255	0–63 0% Lime 64–127 25% Lime 128–190 50% Lime 191–254 75% Lime 255–255 100% Lime
11	Color Add GY Fine	255	Fine byte of Color Add GY
12	Color Add RY	255	0–63 0% Amber 64–127 25% Amber 128–190 50% Amber 191–254 75% Amber 255–255 100% Amber
13	Color Add RY Fine	255	Fine byte of Color Add RY
14	White	255	0–63 0% White 64–127 25% White 128–190 50% White 191–254 75% White 255–255 100% White
15	White Fine	255	Fine byte of White
16	C TO	0	0–23 Open (wheel slot 1) 24–255 2400K to 8500K
17	C TO Fine	0	Fine byte of C TO
18	Tint	127	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green

Ext 21CH (continued)

Ch	Function	Default	DMX values
19	Color Wheel 2	0	0–0 Open (wheel slot 61) 1–1 LEE 007 - Pale Yellow (wheel slot 1) 2–2 LEE 103 - Straw (wheel slot 2) 3–3 LEE 151 - Gold Tint (wheel slot 3) 4–4 LEE 100 - Spring Yellow (wheel slot 4) 5–5 LEE 010 - Medium Yellow (wheel slot 5) 6–6 LEE 101 - Yellow (wheel slot 6) 7–7 LEE 104 - Deep Amber (wheel slot 7) 8–8 LEE 015 - Deep Straw (wheel slot 8) 9–9 LEE 179 - Chrome Orange (wheel slot 9) 10–10 LEE 021 - Gold Amber (wheel slot 10) 11–11 LEE 105 - Orange (wheel slot 11) 12–12 LEE 158 - Deep Orange (wheel slot 12) 13–13 LEE 022 - Dark Amber (wheel slot 13) 14–14 LEE 778 - Millenium Gold (wheel slot 14) 15–15 LEE 135 - Deep Gold Amber (wheel slot 15) 16–16 LEE 024 - Scarlet (wheel slot 16) 17–17 LEE 106 - Primary Red (wheel slot 17) 18–18 LEE 026 - Bright Red (wheel slot 18) 19–19 LEE 027 - Medium Red (wheel slot 19) 20–20 LEE 019 - Fire (wheel slot 20) 21–21 LEE 157 - Pink (wheel slot 21) 22–22 LEE 036 - Medium Pink (wheel slot 22) 23–23 LEE 111 - Dark Pink (wheel slot 23) 24–24 LEE 128 - Bright Pink (wheel slot 24) 25–25 LEE 148 - Bright Rose (wheel slot 25) 26–26 LEE 332 - Special Rose Pink (wheel slot 26) 27–27 LEE 793 - Vanity Fair (wheel slot 27) 28–28 LEE 113 - Magenta (wheel slot 28) 29–29 LEE 046 - Dark Magenta (wheel slot 29) 30–30 LEE 048 - Rose Purple (wheel slot 30) 31–31 LEE 126 - Mauve (wheel slot 31) 32–32 LEE 049 - Medium Purple (wheel slot 32) 33–33 LEE 058 - Lavender (wheel slot 33) 34–34 LEE 197 - Alice Blue (wheel slot 34) 35–35 LEE 119 - Dark Blue (wheel slot 35) 36–36 LEE 132 - Medium Blue (wheel slot 36) 37–37 LEE 120 - Deep Blue (wheel slot 37) 38–38 LEE 165 - Daylight Blue (wheel slot 38) 39–39 LEE 161 - Slate Blue (wheel slot 39) 40–40 LEE 118 - Light Blue (wheel slot 40) 41–41 LEE 068 - Sky Blue (wheel slot 41) 42–42 LEE 143 - Pale Navy Blue (wheel slot 42) 43–43 LEE 131 - Marine Blue (wheel slot 43) 44–44 LEE 115 - Peacock Blue (wheel slot 44) 45–45 LEE 172 - Lagoon Blue (wheel slot 45) 46–46 LEE 116 - Medium Blue Green (wheel slot 46) 47–47 LEE 090 - Dark Yellow Green (wheel slot 47) 48–48 LEE 139 - Primary Green (wheel slot 48) 49–49 LEE 122 - Fern Green (wheel slot 49) 50–50 LEE 089 - Moss Green (wheel slot 50) 51–51 LEE 124 - Dark Green (wheel slot 51) 52–52 LEE 088 - Lime Green (wheel slot 52) 53–53 LEE 138 - Pale Green (wheel slot 53) 54–54 LEE 203 - Quarter C T Blue (wheel slot 54) 55–55 LEE 202 - Half C T Blue (wheel slot 55) 56–56 LEE 201 - Full C T Blue (wheel slot 56) 57–57 LEE 200 - Double C T Blue (wheel slot 57) 58–58 LEE 206 - Quarter C T Orange (wheel slot 58) 59–59 LEE 205 - Half C T Orange (wheel slot 59) 60–60 LEE 204 - Full C T Orange (wheel slot 60) 61–179 Open (wheel slot 61) 180–201 Clockwise fast to slow 202–207 Stop

Ext 21CH (continued)

Ch	Function	Default	DMX values
20	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–120 Stage 2 121–121 0s 122–122 01s 123–123 02s 124–124 03s 125–125 04s 126–126 05s 127–127 06s 128–128 07s 129–129 08s 130–130 09s 131–131 1s 132–132 1*5s 133–133 2s 134–134 3s 135–135 4s 136–136 5s 137–137 6s 138–138 7s 139–139 8s 140–140 9s 141–141 10s 142–149 Idle 150–154 DTW On 155–159 DTW Off 160–255 Idle
21	Function	0	