DMX CHART

# Prolights ECL Profile CT+

Prepared by Krank'd · krankd.com.au

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UNO · DUO · Basic · Standard · Extended · RAW Direct · RAW 16bit · XY

## UNO

| UNO | VALUE | FUNCTION |
|---|---|---|
| 1 | 000-255 | **Dimmer coarse** · 0-100% |

## DUO

| DUO | VALUE | FUNCTION |
|---|---|---|
| 1 | 000-255 | **Dimmer coarse** · 0-100% |
| 2 | 000-255 | **Dimmer fine** · 0-100% |

## Basic

| BASIC | VALUE | FUNCTION |
|---|---|---|
| 1 | 000-255 | **Dimmer coarse** · 0-100% |
| 2 | 000-255 | **Colour Mix 1** · Channel function depending on set colour mode |
| 3 | 000-255 | **Colour Mix 2** · Channel function depending on set colour mode (non used in HS) |
| 4 | 000-255 | **Colour Mix 3** · Channel function depending on set colour mode |

## Standard

| STANDARD | VALUE | FUNCTION |
|---|---|---|
| 1 | 000-255 | **Dimmer coarse** · 0-100% |
| 2 | 000-255 | **Dimmer fine** · 0-100% |
| 3 | 000-255 | **Strobe** · Strobe: zone breakdown in the notes below |
| 4 | 000-255 | **CCT (Linear)** · CCT 2800K to 10000K: band table in the notes below |
| 5 | 000-255 | **Colour Mix 1** · Channel function depending on set colour mode |
| 6 | 000-255 | **Colour Mix 2** · Channel function depending on set colour mode (non used in HS) |
| 7 | 000-255 | **Colour Mix 3** · Channel function depending on set colour mode |
| 8 | | **Colour Wheel** |
| | 000-001 | Open |
| | 002-003 | Red |
| | 004-005 | Green |
| | 006-007 | Blue |
| | 008-009 | Cyan |
| | 010-011 | Magenta |
| | 012-013 | Yellow |
| | 014-015 | L.744 Dirty White |
| | 016-017 | L.197 Alice Bllue |
| | 018-019 | L.181 Congo Blue |
| | 020-021 | L.174 Dark Steel Blue |
| | 022-023 | L.170 Deep Lavender |
| | 024-025 | L.169 Lilac Ting |

| STANDARD | VALUE | FUNCTION |
|---|---|---|
| | 026-027 | L.165 Daylight Blue |
| | 028-029 | L.164 Flame Red |
| | 030-031 | L.162 Bastard Amber |
| | 032-033 | L.158 Deep Orange |
| | 034-035 | L.152 Pale Gold |
| | 036-037 | L.147 Apricot |
| | 038-039 | L.141 Bright Blue |
| | 040-041 | L.139 Primary Green |
| | 042-043 | L.137 Special Lavender |
| | 044-045 | L.136 Pale Lavender |
| | 046-047 | L.135 Deep Golden Amber |
| | 048-049 | L.132 Medium Blue |
| | 050-051 | L.128 Bright Pink |
| | 052-053 | L.126 Mauve |
| | 054-055 | L.124 Dark Green |
| | 056-057 | L.121 Lee Green |
| | 058-059 | L.119 Dark Blue |
| | 060-061 | L.118 Light Blue |
| | 062-063 | L.117 Steel Blue |
| | 064-065 | L.116 Medium Blue-Green |
| | 066-067 | L.115 Peacock Blue |
| | 068-069 | L.113 Magenta |
| | 070-071 | L.111 Dark Pink |
| | 072-073 | L.110 Middle Rose |
| | 074-075 | L.109 Light Salmon |
| | 076-077 | L.108 English Rose |
| | 078-079 | L.107 Light Rose |
| | 080-081 | L.105 Orange |
| | 082-083 | L.104 Deep Amber |
| | 084-085 | L.103 Straw |
| | 086-087 | L.102 Light Amber |
| | 088-089 | L.100 Spring Yellow |
| | 090-091 | L.090 Dark Yellow Green |
| | 092-093 | L.079 Just Blue |
| | 094-095 | L.068 Sky Blue |
| | 096-097 | L.058 Lavender |
| | 098-099 | L.052 Light Lavender |
| | 100-101 | L.039 Pink Carnation |
| | 102-103 | L.036 Medium Pink |
| | 104-105 | L.035 Light Pink |
| | 106-107 | L.025 Sunset Red |

| STANDARD | VALUE | FUNCTION |
|---|---|---|
| | 108-109 | L.022 Dark Amber |
| | 110-111 | L.021 Gold Amber |
| | 112-113 | L.020 Medium Amber |
| | 114-115 | L.019 Fire |
| | 116-117 | L.017 Surprise Peach |
| | 118-119 | L.013 Straw Tint |
| | 120-121 | L.010 Medium Yellow |
| | 122-123 | L.247 Lee Minus Green |
| | 124-125 | L.152 Pale Gold |
| | 126-127 | L.105 Orange |
| | 128-129 | L.015 Deep Straw |
| | 130-131 | L.048 Rose Purple |
| | 132-133 | L.797 Deep Purple |
| | 134-135 | L.322 Soft Green |
| | 136-211 | Reserved |
| | 212-213 | 2800K |
| | 214-215 | 3000K |
| | 216-217 | 3200K |
| | 218-219 | 3400K |
| | 220-221 | 3600K |
| | 222-223 | 3800K |
| | 224-225 | 4000K |
| | 226-227 | 4200K |
| | 228-229 | 4400K |
| | 230-231 | 4600K |
| | 232-233 | 4800K |
| | 234-235 | 5000K |
| | 236-237 | 5200K |
| | 238-239 | 5400K |
| | 240-241 | 5600K |
| | 242-243 | 6000K |
| | 244-245 | 6500K |
| | 246-247 | 7000K |
| | 248-249 | 8000K |
| | 250-251 | 9000K |
| | 252-253 | 10000K |
| | 254-255 | 6 x On |
| 9 | | **Control (hold 3 seconds)** |
| | 000-001 | No Function/Safe |
| | 002-003 | Colour Mix RGB |
| | 004-005 | Colour Mix CMY |

| STANDARD | VALUE | FUNCTION |
|---|---|---|
| | 006-007 | Colour Mix HS |
| | 008-009 | Dimmer Mode Linear |
| | 010-011 | Dimmer Mode S-Curve |
| | 012-013 | Dimmer Mode Square Law |
| | 014-015 | Dimmer Mode Inverse Sq. Law |
| | 016-017 | Dimmer Speed Auto |
| | 018-019 | Dimmer Speed Slow |
| | 020-021 | Dimmer Speed Medium |
| | 022-023 | Dimmer Speed Fast |
| | 024-025 | Tungsten Off |
| | 026-027 | Tungsten Slow |
| | 028-029 | Tungsten Medium |
| | 030-031 | Tungsten Fast |
| | 032-033 | LED Mode Brigtness |
| | 034-035 | LED Mode Quality |
| | 036-037 | LED Frequency 625 Hz |
| | 038-039 | LED Frequency 1282 Hz |
| | 040-041 | LED Frequency 2500 Hz |
| | 042-043 | LED Frequency 5000 Hz |
| | 044-045 | LED Frequency 6400 Hz |
| | 046-047 | LED Frequency 25 kHz |
| | 048-049 | Fan Auto |
| | 050-051 | Fan Balanced |
| | 052-053 | Fan Silent |
| | 054-055 | Reserved |
| | 056-057 | Reserved |
| | 058-059 | Reserved |
| | 060-061 | Reserved |
| | 062-063 | Reserved |
| | 064-065 | Reserved |
| | 066-067 | Reserved |
| | 068-069 | Reserved |
| | 070-071 | Reserved |
| | 072-073 | Reserved |
| | 074-075 | Fan Full |
| | 076-077 | Calibration Off |
| | 078-079 | Calibration On |
| | 080-081 | Display Flip Regular |
| | 082-083 | Display Flip Top Down |
| | 084-085 | Display Backlight On |
| | 086-087 | Display Backlight 10 s |

| STANDARD | VALUE | FUNCTION |
|---|---|---|
| | 088-089 | Display Backlight 20 s |
| | 090-091 | Display Backlight 30 s |
| | 092-093 | DMX Lost Blackout |
| | 094-095 | DMX Lost Hold |
| | 096-097 | DMX Lost Master Static |
| | 098-099 | DMX Lost Master Effect 1 |
| | 100-101 | DMX Lost Master Effect 2 |
| | 102-103 | DMX Lost Master Effect 3 |
| | 104-105 | DMX Lost Slave |
| | 106-253 | Reserved |
| | 254-255 | Reset All Channels Control |

**Extended**

| EXTENDED | VALUE | FUNCTION |
|---|---|---|
| 1 | 000-255 | **Dimmer coarse** · 0-100% |
| 2 | 000-255 | **Dimmer fine** · 0-100% |
| 3 | 000-255 | **Strobe** · Strobe: zone breakdown in the notes below |
| 4 | 000-255 | **CCT (Linear)** · CCT 2800K to 10000K: band table in the notes below |
| 5 | 000-255 | **TINT (Linear)** · Tint +25% magenta to +25% green: band table in the notes below |
| 6 | 000-255 | **Colour Mix 1** · Channel function depending on set colour mode |
| 7 | 000-255 | **Colour Mix 2** · Channel function depending on set colour mode (non used in HS) |
| 8 | 000-255 | **Colour Mix 3** · Channel function depending on set colour mode |
| 9 | | **Colour Wheel** |
| | 000-001 | Open |
| | 002-003 | Red |
| | 004-005 | Green |
| | 006-007 | Blue |
| | 008-009 | Cyan |
| | 010-011 | Magenta |
| | 012-013 | Yellow |
| | 014-015 | L.744 Dirty White |
| | 016-017 | L.197 Alice Bllue |
| | 018-019 | L.181 Congo Blue |
| | 020-021 | L.174 Dark Steel Blue |
| | 022-023 | L.170 Deep Lavender |
| | 024-025 | L.169 Lilac Ting |
| | 026-027 | L.165 Daylight Blue |
| | 028-029 | L.164 Flame Red |
| | 030-031 | L.162 Bastard Amber |
| | 032-033 | L.158 Deep Orange |
| | 034-035 | L.152 Pale Gold |
| | 036-037 | L.147 Apricot |

| EXTENDED | VALUE | FUNCTION |
|---|---|---|
| | 038-039 | L.141 Bright Blue |
| | 040-041 | L.139 Primary Green |
| | 042-043 | L.137 Special Lavender |
| | 044-045 | L.136 Pale Lavender |
| | 046-047 | L.135 Deep Golden Amber |
| | 048-049 | L.132 Medium Blue |
| | 050-051 | L.128 Bright Pink |
| | 052-053 | L.126 Mauve |
| | 054-055 | L.124 Dark Green |
| | 056-057 | L.121 Lee Green |
| | 058-059 | L.119 Dark Blue |
| | 060-061 | L.118 Light Blue |
| | 062-063 | L.117 Steel Blue |
| | 064-065 | L.116 Medium Blue-Green |
| | 066-067 | L.115 Peacock Blue |
| | 068-069 | L.113 Magenta |
| | 070-071 | L.111 Dark Pink |
| | 072-073 | L.110 Middle Rose |
| | 074-075 | L.109 Light Salmon |
| | 076-077 | L.108 English Rose |
| | 078-079 | L.107 Light Rose |
| | 080-081 | L.105 Orange |
| | 082-083 | L.104 Deep Amber |
| | 084-085 | L.103 Straw |
| | 086-087 | L.102 Light Amber |
| | 088-089 | L.100 Spring Yellow |
| | 090-091 | L.090 Dark Yellow Green |
| | 092-093 | L.079 Just Blue |
| | 094-095 | L.068 Sky Blue |
| | 096-097 | L.058 Lavender |
| | 098-099 | L.052 Light Lavender |
| | 100-101 | L.039 Pink Carnation |
| | 102-103 | L.036 Medium Pink |
| | 104-105 | L.035 Light Pink |
| | 106-107 | L.025 Sunset Red |
| | 108-109 | L.022 Dark Amber |
| | 110-111 | L.021 Gold Amber |
| | 112-113 | L.020 Medium Amber |
| | 114-115 | L.019 Fire |
| | 116-117 | L.017 Surprise Peach |
| | 118-119 | L.013 Straw Tint |

| EXTENDED | VALUE | FUNCTION |
|---|---|---|
| | 120-121 | L.010 Medium Yellow |
| | 122-123 | L.247 Lee Minus Green |
| | 124-125 | L.152 Pale Gold |
| | 126-127 | L.105 Orange |
| | 128-129 | L.015 Deep Straw |
| | 130-131 | L.048 Rose Purple |
| | 132-133 | L.797 Deep Purple |
| | 134-135 | L.322 Soft Green |
| | 136-211 | Reserved |
| | 212-213 | 2800K |
| | 214-215 | 3000K |
| | 216-217 | 3200K |
| | 218-219 | 3400K |
| | 220-221 | 3600K |
| | 222-223 | 3800K |
| | 224-225 | 4000K |
| | 226-227 | 4200K |
| | 228-229 | 4400K |
| | 230-231 | 4600K |
| | 232-233 | 4800K |
| | 234-235 | 5000K |
| | 236-237 | 5200K |
| | 238-239 | 5400K |
| | 240-241 | 5600K |
| | 242-243 | 6000K |
| | 244-245 | 6500K |
| | 246-247 | 7000K |
| | 248-249 | 8000K |
| | 250-251 | 9000K |
| | 252-253 | 10000K |
| | 254-255 | 6 x On |
| 10 | 000-255 | **Colour Wheel Saturation (Linear)** · Saturation 100% to 0%: band table in the notes below |
| 11 | 000-255 | **CTO (Linear)** · CTO 0% to 100%: band table in the notes below |
| 12 | | **Control (hold 3 seconds)** |
| | 000-001 | No Function/Safe |
| | 002-003 | Colour Mix RGB |
| | 004-005 | Colour Mix CMY |
| | 006-007 | Colour Mix HS |
| | 008-009 | Dimmer Mode Linear |
| | 010-011 | Dimmer Mode S-Curve |
| | 012-013 | Dimmer Mode Square Law |

| EXTENDED | VALUE | FUNCTION |
|---|---|---|
| | 014-015 | Dimmer Mode Inverse Sq. Law |
| | 016-017 | Dimmer Speed Auto |
| | 018-019 | Dimmer Speed Slow |
| | 020-021 | Dimmer Speed Medium |
| | 022-023 | Dimmer Speed Fast |
| | 024-025 | Tungsten Off |
| | 026-027 | Tungsten Slow |
| | 028-029 | Tungsten Medium |
| | 030-031 | Tungsten Fast |
| | 032-033 | LED Mode Brigtness |
| | 034-035 | LED Mode Quality |
| | 036-037 | LED Frequency 625 Hz |
| | 038-039 | LED Frequency 1282 Hz |
| | 040-041 | LED Frequency 2500 Hz |
| | 042-043 | LED Frequency 5000 Hz |
| | 044-045 | LED Frequency 6400 Hz |
| | 046-047 | LED Frequency 25 kHz |
| | 048-049 | Fan Auto |
| | 050-051 | Fan Balanced |
| | 052-053 | Fan Silent |
| | 054-055 | Reserved |
| | 056-057 | Reserved |
| | 058-059 | Reserved |
| | 060-061 | Reserved |
| | 062-063 | Reserved |
| | 064-065 | Reserved |
| | 066-067 | Reserved |
| | 068-069 | Reserved |
| | 070-071 | Reserved |
| | 072-073 | Reserved |
| | 074-075 | Fan Full |
| | 076-077 | Calibration Off |
| | 078-079 | Calibration On |
| | 080-081 | Display Flip Regular |
| | 082-083 | Display Flip Top Down |
| | 084-085 | Display Backlight On |
| | 086-087 | Display Backlight 10 s |
| | 088-089 | Display Backlight 20 s |
| | 090-091 | Display Backlight 30 s |
| | 092-093 | DMX Lost Blackout |
| | 094-095 | DMX Lost Hold |

| EXTENDED | VALUE | FUNCTION |
|---|---|---|
| | 096-097 | DMX Lost Master Static |
| | 098-099 | DMX Lost Master Effect 1 |
| | 100-101 | DMX Lost Master Effect 2 |
| | 102-103 | DMX Lost Master Effect 3 |
| | 104-105 | DMX Lost Slave |
| | 106-253 | Reserved |
| | 254-255 | Reset All Channels Control |

**RAW Direct**

| RAW DIRECT | VALUE | FUNCTION |
|---|---|---|
| 1 | 000-255 | **Dimmer coarse** · 0-100% |
| 2 | 000-255 | **Dimmer fine** · 0-100% |
| 3 | 000-255 | **Strobe** · Strobe: zone breakdown in the notes below |
| 4 | 000-255 | **Red coarse** · 0-100% |
| 5 | 000-255 | **Green coarse** · 0-100% |
| 6 | 000-255 | **Blue coarse** · 0-100% |
| 7 | 000-255 | **PC Amber coarse** · 0-100% |
| 8 | 000-255 | **Mint coarse** · 0-100% |
| 9 | 000-255 | **Royal Blue coarse** · 0-100% |
| 10 | | **Control (hold 3 seconds)** |
| | 000-001 | No Function/Safe |
| | 002-003 | Colour Mix RGB |
| | 004-005 | Colour Mix CMY |
| | 006-007 | Colour Mix HS |
| | 008-009 | Dimmer Mode Linear |
| | 010-011 | Dimmer Mode S-Curve |
| | 012-013 | Dimmer Mode Square Law |
| | 014-015 | Dimmer Mode Inverse Sq. Law |
| | 016-017 | Dimmer Speed Auto |
| | 018-019 | Dimmer Speed Slow |
| | 020-021 | Dimmer Speed Medium |
| | 022-023 | Dimmer Speed Fast |
| | 024-025 | Tungsten Off |
| | 026-027 | Tungsten Slow |
| | 028-029 | Tungsten Medium |
| | 030-031 | Tungsten Fast |
| | 032-033 | LED Mode Brigtness |
| | 034-035 | LED Mode Quality |
| | 036-037 | LED Frequency 625 Hz |
| | 038-039 | LED Frequency 1282 Hz |
| | 040-041 | LED Frequency 2500 Hz |

| RAW DIRECT | VALUE | FUNCTION |
|---|---|---|
| | 042-043 | LED Frequency 5000 Hz |
| | 044-045 | LED Frequency 6400 Hz |
| | 046-047 | LED Frequency 25 kHz |
| | 048-049 | Fan Auto |
| | 050-051 | Fan Balanced |
| | 052-053 | Fan Silent |
| | 054-055 | Reserved |
| | 056-057 | Reserved |
| | 058-059 | Reserved |
| | 060-061 | Reserved |
| | 062-063 | Reserved |
| | 064-065 | Reserved |
| | 066-067 | Reserved |
| | 068-069 | Reserved |
| | 070-071 | Reserved |
| | 072-073 | Reserved |
| | 074-075 | Fan Full |
| | 076-077 | Calibration Off |
| | 078-079 | Calibration On |
| | 080-081 | Display Flip Regular |
| | 082-083 | Display Flip Top Down |
| | 084-085 | Display Backlight On |
| | 086-087 | Display Backlight 10 s |
| | 088-089 | Display Backlight 20 s |
| | 090-091 | Display Backlight 30 s |
| | 092-093 | DMX Lost Blackout |
| | 094-095 | DMX Lost Hold |
| | 096-097 | DMX Lost Master Static |
| | 098-099 | DMX Lost Master Effect 1 |
| | 100-101 | DMX Lost Master Effect 2 |
| | 102-103 | DMX Lost Master Effect 3 |
| | 104-105 | DMX Lost Slave |
| | 106-253 | Reserved |
| | 254-255 | Reset All Channels Control |

**RAW 16bit**

| RAW 16BIT | VALUE | FUNCTION |
|---|---|---|
| 1 | 000-255 | **Dimmer coarse** · 0-100% |
| 2 | 000-255 | **Dimmer fine** · 0-100% |
| 3 | 000-255 | **Strobe** · Strobe: zone breakdown in the notes below |
| 4 | 000-255 | **Red coarse** · 0-100% |

| RAW 16BIT | VALUE | FUNCTION |
|---|---|---|
| 5 | 000-255 | **Red fine** · 0-100% |
| 6 | 000-255 | **Green coarse** · 0-100% |
| 7 | 000-255 | **Green fine** · 0-100% |
| 8 | 000-255 | **Blue coarse** · 0-100% |
| 9 | 000-255 | **Blue fine** · 0-100% |
| 10 | 000-255 | **PC Amber coarse** · 0-100% |
| 11 | 000-255 | **PC Amber fine** · 0-100% |
| 12 | 000-255 | **Mint coarse** · 0-100% |
| 13 | 000-255 | **Mint fine** · 0-100% |
| 14 | 000-255 | **Royal Blue coarse** · 0-100% |
| 15 | 000-255 | **Royal Blue fine** · 0-100% |
| 16 | | **Control (hold 3 seconds)** |
| | 000-001 | No Function/Safe |
| | 002-003 | Colour Mix RGB |
| | 004-005 | Colour Mix CMY |
| | 006-007 | Colour Mix HS |
| | 008-009 | Dimmer Mode Linear |
| | 010-011 | Dimmer Mode S-Curve |
| | 012-013 | Dimmer Mode Square Law |
| | 014-015 | Dimmer Mode Inverse Sq. Law |
| | 016-017 | Dimmer Speed Auto |
| | 018-019 | Dimmer Speed Slow |
| | 020-021 | Dimmer Speed Medium |
| | 022-023 | Dimmer Speed Fast |
| | 024-025 | Tungsten Off |
| | 026-027 | Tungsten Slow |
| | 028-029 | Tungsten Medium |
| | 030-031 | Tungsten Fast |
| | 032-033 | LED Mode Brigtness |
| | 034-035 | LED Mode Quality |
| | 036-037 | LED Frequency 625 Hz |
| | 038-039 | LED Frequency 1282 Hz |
| | 040-041 | LED Frequency 2500 Hz |
| | 042-043 | LED Frequency 5000 Hz |
| | 044-045 | LED Frequency 6400 Hz |
| | 046-047 | LED Frequency 25 kHz |
| | 048-049 | Fan Auto |
| | 050-051 | Fan Balanced |
| | 052-053 | Fan Silent |
| | 054-055 | Reserved |

| RAW 16BIT | VALUE | FUNCTION |
|---|---|---|
| | 056-057 | Reserved |
| | 058-059 | Reserved |
| | 060-061 | Reserved |
| | 062-063 | Reserved |
| | 064-065 | Reserved |
| | 066-067 | Reserved |
| | 068-069 | Reserved |
| | 070-071 | Reserved |
| | 072-073 | Reserved |
| | 074-075 | Fan Full |
| | 076-077 | Calibration Off |
| | 078-079 | Calibration On |
| | 080-081 | Display Flip Regular |
| | 082-083 | Display Flip Top Down |
| | 084-085 | Display Backlight On |
| | 086-087 | Display Backlight 10 s |
| | 088-089 | Display Backlight 20 s |
| | 090-091 | Display Backlight 30 s |
| | 092-093 | DMX Lost Blackout |
| | 094-095 | DMX Lost Hold |
| | 096-097 | DMX Lost Master Static |
| | 098-099 | DMX Lost Master Effect 1 |
| | 100-101 | DMX Lost Master Effect 2 |
| | 102-103 | DMX Lost Master Effect 3 |
| | 104-105 | DMX Lost Slave |
| | 106-253 | Reserved |
| | 254-255 | Reset All Channels Control |

**XY**

| XY | VALUE | FUNCTION |
|---|---|---|
| 1 | 000-255 | **Dimmer coarse** · 0-100% |
| 2 | 000-255 | **Dimmer fine** · 0-100% |
| 3 | 000-255 | **Strobe** · Strobe: zone breakdown in the notes below |
| 4 | 000-001 | **X coarse** · 0 to 1 |
| 5 | 000-001 | **X fine** · 0 to 1 |
| 6 | 000-001 | **Y coarse** · 0 to 1 |
| 7 | 000-001 | **Y fine** · 0 to 1 |
| 8 | | **Colour Wheel** |
| | 000-001 | Open |
| | 002-003 | Red |
| | 004-005 | Green |

| XY | VALUE | FUNCTION |
|---|---|---|
| | 006-007 | Blue |
| | 008-009 | Cyan |
| | 010-011 | Magenta |
| | 012-013 | Yellow |
| | 014-015 | L.744 Dirty White |
| | 016-017 | L.197 Alice Bllue |
| | 018-019 | L.181 Congo Blue |
| | 020-021 | L.174 Dark Steel Blue |
| | 022-023 | L.170 Deep Lavender |
| | 024-025 | L.169 Lilac Ting |
| | 026-027 | L.165 Daylight Blue |
| | 028-029 | L.164 Flame Red |
| | 030-031 | L.162 Bastard Amber |
| | 032-033 | L.158 Deep Orange |
| | 034-035 | L.152 Pale Gold |
| | 036-037 | L.147 Apricot |
| | 038-039 | L.141 Bright Blue |
| | 040-041 | L.139 Primary Green |
| | 042-043 | L.137 Special Lavender |
| | 044-045 | L.136 Pale Lavender |
| | 046-047 | L.135 Deep Golden Amber |
| | 048-049 | L.132 Medium Blue |
| | 050-051 | L.128 Bright Pink |
| | 052-053 | L.126 Mauve |
| | 054-055 | L.124 Dark Green |
| | 056-057 | L.121 Lee Green |
| | 058-059 | L.119 Dark Blue |
| | 060-061 | L.118 Light Blue |
| | 062-063 | L.117 Steel Blue |
| | 064-065 | L.116 Medium Blue-Green |
| | 066-067 | L.115 Peacock Blue |
| | 068-069 | L.113 Magenta |
| | 070-071 | L.111 Dark Pink |
| | 072-073 | L.110 Middle Rose |
| | 074-075 | L.109 Light Salmon |
| | 076-077 | L.108 English Rose |
| | 078-079 | L.107 Light Rose |
| | 080-081 | L.105 Orange |
| | 082-083 | L.104 Deep Amber |
| | 084-085 | L.103 Straw |
| | 086-087 | L.102 Light Amber |

| XY | VALUE | FUNCTION |
|---|---|---|
| | 088-089 | L.100 Spring Yellow |
| | 090-091 | L.090 Dark Yellow Green |
| | 092-093 | L.079 Just Blue |
| | 094-095 | L.068 Sky Blue |
| | 096-097 | L.058 Lavender |
| | 098-099 | L.052 Light Lavender |
| | 100-101 | L.039 Pink Carnation |
| | 102-103 | L.036 Medium Pink |
| | 104-105 | L.035 Light Pink |
| | 106-107 | L.025 Sunset Red |
| | 108-109 | L.022 Dark Amber |
| | 110-111 | L.021 Gold Amber |
| | 112-113 | L.020 Medium Amber |
| | 114-115 | L.019 Fire |
| | 116-117 | L.017 Surprise Peach |
| | 118-119 | L.013 Straw Tint |
| | 120-121 | L.010 Medium Yellow |
| | 122-123 | L.247 Lee Minus Green |
| | 124-125 | L.152 Pale Gold |
| | 126-127 | L.105 Orange |
| | 128-129 | L.015 Deep Straw |
| | 130-131 | L.048 Rose Purple |
| | 132-133 | L.797 Deep Purple |
| | 134-135 | L.322 Soft Green |
| | 136-211 | Reserved |
| | 212-213 | 2800K |
| | 214-215 | 3000K |
| | 216-217 | 3200K |
| | 218-219 | 3400K |
| | 220-221 | 3600K |
| | 222-223 | 3800K |
| | 224-225 | 4000K |
| | 226-227 | 4200K |
| | 228-229 | 4400K |
| | 230-231 | 4600K |
| | 232-233 | 4800K |
| | 234-235 | 5000K |
| | 236-237 | 5200K |
| | 238-239 | 5400K |
| | 240-241 | 5600K |
| | 242-243 | 6000K |

| XY | VALUE | FUNCTION |
|---|---|---|
| | 244-245 | 6500K |
| | 246-247 | 7000K |
| | 248-249 | 8000K |
| | 250-251 | 9000K |
| | 252-253 | 10000K |
| | 254-255 | 6 x On |
| 9 | 000-255 | **Colour Wheel Saturation (Linear)** · Saturation 100% to 0%: band table in the notes below |
| 10 | | **Control (hold 3 seconds)** |
| | 000-001 | No Function/Safe |
| | 002-003 | Colour Mix RGB |
| | 004-005 | Colour Mix CMY |
| | 006-007 | Colour Mix HS |
| | 008-009 | Dimmer Mode Linear |
| | 010-011 | Dimmer Mode S-Curve |
| | 012-013 | Dimmer Mode Square Law |
| | 014-015 | Dimmer Mode Inverse Sq. Law |
| | 016-017 | Dimmer Speed Auto |
| | 018-019 | Dimmer Speed Slow |
| | 020-021 | Dimmer Speed Medium |
| | 022-023 | Dimmer Speed Fast |
| | 024-025 | Tungsten Off |
| | 026-027 | Tungsten Slow |
| | 028-029 | Tungsten Medium |
| | 030-031 | Tungsten Fast |
| | 032-033 | LED Mode Brigtness |
| | 034-035 | LED Mode Quality |
| | 036-037 | LED Frequency 625 Hz |
| | 038-039 | LED Frequency 1282 Hz |
| | 040-041 | LED Frequency 2500 Hz |
| | 042-043 | LED Frequency 5000 Hz |
| | 044-045 | LED Frequency 6400 Hz |
| | 046-047 | LED Frequency 25 kHz |
| | 048-049 | Fan Auto |
| | 050-051 | Fan Balanced |
| | 052-053 | Fan Silent |
| | 054-055 | Reserved |
| | 056-057 | Reserved |
| | 058-059 | Reserved |
| | 060-061 | Reserved |
| | 062-063 | Reserved |
| | 064-065 | Reserved |

| XY | VALUE | FUNCTION |
|---|---|---|
| | 066-067 | Reserved |
| | 068-069 | Reserved |
| | 070-071 | Reserved |
| | 072-073 | Reserved |
| | 074-075 | Fan Full |
| | 076-077 | Calibration Off |
| | 078-079 | Calibration On |
| | 080-081 | Display Flip Regular |
| | 082-083 | Display Flip Top Down |
| | 084-085 | Display Backlight On |
| | 086-087 | Display Backlight 10 s |
| | 088-089 | Display Backlight 20 s |
| | 090-091 | Display Backlight 30 s |
| | 092-093 | DMX Lost Blackout |
| | 094-095 | DMX Lost Hold |
| | 096-097 | DMX Lost Master Static |
| | 098-099 | DMX Lost Master Effect 1 |
| | 100-101 | DMX Lost Master Effect 2 |
| | 102-103 | DMX Lost Master Effect 3 |
| | 104-105 | DMX Lost Slave |
| | 106-253 | Reserved |
| | 254-255 | Reset All Channels Control |

※ Basic mode is a 4-channel mode: ch1 Dimmer coarse + ch2/3/4 Colour Mix 1/2/3. Each colour-mix channel's function depends on the set colour mode (RGB/CMY etc.), per the source.

※ STROBE is shown as a single 000-255 control. Zones as printed: Close 0-1; 0,9 Hz to 20 Hz Strobing 2-62; Open 63-64; 0,8 Hz to 6,6 Hz Pulse-In Strobing 64-125; Open 126-127; 0,8 Hz to 6,6 Hz Pulse-Out Strobing 128-188; Open 189-190; 0,9 Hz to 20 Hz Random Strobing 191-251; Open 252-255. The source double-assigns value 64 (Open 63-64 then Pulse-In 64-125), and this chart keeps it as printed.

※ CCT (Linear), TINT (Linear), COLOUR WHEEL SATURATION (Linear) and CTO (Linear) channels are shown as single 000-255 controls. The source prints these as interleaved single-value anchors plus transition bands that overlap at shared endpoints, so they cannot be rendered as non-overlapping ranges; the full band tables follow in these notes, exactly as printed.

※ XY channel 7 is printed 'Y COARSE' in the source's value-range detail table but 'Y FINE' in the page-1 channel grid; the grid is internally consistent (16-bit X coarse/fine + Y coarse/fine pairs), so this chart prints Y fine and treats the detail-table label as the source's misprint.

※ CCT (Linear) bands as printed: 2800K 0; 2800-3000K 0-24; 3000K 24; 3000-3200K 24-44; 3200K 44; 3200-3400K 44-62; 3400K 63; 3400-3600K 63-79; 3600K 79; 3600-3800K 79-93; 3800K 93; 3800-4000K 93-106; 4000K 106; 4000-4200K 106-118; 4200K 118; 4200-4400K 118-129; 4400K 129; 4400-4600K 129-139; 4600K 139; 4600-4800K 139-148; 4800K 148; 4800-5000K 148-156; 5000K 156; 5000-5200K 156-163; 5200K 163; 5200-5400K 163-171; 5400K 171; 5400-5600K 171-177; 5600K 177; 5600-6000K 177-189; 6000K 189; 6000-6500K 189-202; 6500K 202; 6500-7000K 202-212; 7000K 213; 7000-8000K 213-230; 8000K 230; 8000-9000K 230-244; 9000K 244; 9000-10000K 244-255; 10000K 255. Default 156.

※ TINT (Linear) bands as printed: +25 % magenta 0; +20 % to +25 % magenta 1-25; +20 % magenta 26; +15 % to +20 % magenta 27-50; +15 % magenta 51; +10 % to +15 % magenta 52-76; +10 % magenta 77; +5 % to +10 % magenta 78-91; +5 % magenta 92; +0 % to +5 % magenta 93-127; balanced 128; +0 % to +5 % green 129-152; +5 % green 153; +5 % to +10 % green 154-178; +10 % green 179; +10 % to +15 % green 180-203; +15 % green 204; +15 % to +20 % green 205-219; +20 % green 220; +20 % to +25 % green 221-254; +25 % green 255. Default 128.

※ COLOUR WHEEL SATURATION (Linear) bands as printed: 100 % 0; 100 % to 95 % 1-12; 95 % 13; 95 % to 90 % 14-25; 90 % 26; 90 % to 85 % 27-38; 85 % 39; 85 % to 80 % 40-50; 80 % 51; 80 % to 75 % 52-63; 75 % 64; 75 % to 70 % 65-76; 70 % 77; 70 % to 65 % 78-89; 65 % 90; 65 % to 60 % 91-101; 60 % 102; 60 % to 55 % 103-114; 55 % 115; 55 % to 50 % 116-127; 50 % 128; 50 % to 45 % 129-140; 45 % 141; 45 % to 40 % 142-152; 40 % 153; 40 % to 35 % 154-165; 35 % 166; 35 % to 30 % 167-178; 30 % 179; 30 % to 25 % 180-181; 25 % 192; 25 % to 20 % 193-203; 20 % 204; 20 % to 15 % 205-216; 15 % 217; 15 % to 10 % 218-229; 10 % 230; 10 % to 5 % 231-242; 5 % 243; 5 % to 0 % 244-254; 0 % 255. (The source jumps from 181 to 192.) Default 000.

※ CTO (Linear) bands as printed: 0 % 0; 0 % to 5 % 1-12; 5 % 13; 5 % to 10 % 14-25; 10 % 26; 10 % to 15 % 27-38; 15 % 39; 15 % to 20 % 40-50; 20 % 51; 20 % to 25 % 52-63; 25 % 64; 25 % to 30 % 65-76; 30 % 77; 30 % to 35 % 78-89; 35 % 90; 35 % to 40 % 91-101; 40 % 102; 40 % to 45 % 103-114; 45 % 115; 45 % to 50 % 116-127; 50 % 128; 50 % to 55 % 129-140; 55 % 141; 55 % to 60 % 142-152; 60 % 153; 60 % to 65 % 154-165; 65 % 166; 65 % to 70 % 167-178; 70 % 179; 70 % to 75 % 180-181; 75 % 192; 75 % to 80 % 193-203; 80 % 204; 80 % to 85 % 205-216; 85 % 217; 85 % to 90 % 218-229; 90 % 230; 90 % to 95 % 231-242; 95 % 243; 95 % to 100 % 244-254; 100 % 255. (The source jumps from 181 to 192.) Default 000.

※ The source's detail table prints the XY mode's X/Y position channels (4-7) with DMX value span '000 ÷ 001' against a normalised position function '0 to 1', unlike every other channel (e.g. RED COARSE '0÷100%' / '000 ÷ 255'). The 000-001 span is shown as printed; it appears to be a manufacturer documentation defect, so verify X/Y behaviour on the fixture before show.

※ Colour names are spelled as Prolights prints them, including 'Alice Bllue' and 'Lilac Ting'.

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**KRANK'D** · Gold Coast, QLD · krankd.com.au · info@krankd.com.au

Source: EclProfile CT+ DMX Charts, support.musiclights.it, retrieved 5 June 2026. Confirm the fixture's firmware and selected mode before patching.

Hire this fixture: krankd.com.au/production-lighting-rental/lighting/led/prolights-ecl-profile-ct/