

# **User Manual**

## **IP 10x60W LED BEAM BAR WITH RING**



## 1. PACKAGE CONTENTS

1. 1× IP 10pcs 60w rgbw led wash beam moving head light with pixel control

1×Mounting bracket

1×AC power cord

1×User's manual

1× 3-pin Signal cord

## 2. MENU

| Main Menu    | Menu             | Menu              |                                                                                 |
|--------------|------------------|-------------------|---------------------------------------------------------------------------------|
| DMX SETTINGS | DMX Address      | 1-496 (17 ch)     |                                                                                 |
|              |                  | 1-486 (27 ch)     |                                                                                 |
|              |                  | 1-414 (99 ch)     |                                                                                 |
|              |                  | 1-405 (108 ch)    |                                                                                 |
|              |                  | 1-345 (168 ch)    |                                                                                 |
|              |                  | 1-343 (170 ch)    |                                                                                 |
|              | DMX Channel Mode | 17CH              |                                                                                 |
|              |                  | 27CH              |                                                                                 |
|              |                  | 99CH              |                                                                                 |
|              |                  | 108CH             |                                                                                 |
|              |                  | 168CH             |                                                                                 |
|              |                  | 170CH             |                                                                                 |
|              | No DMX Status    | Blackout          | Takes all traits to 0 when DMX signal is lost or interrupted.                   |
|              |                  | Hold              | Holds all traits at last received value when DMX signal is lost or interrupted. |
|              |                  | Manual            | Defaults to values set in Manual Mode when DMX signal is lost or interrupted.   |
| PERSONALITY  | Dim Modes        | Fast              |                                                                                 |
|              |                  | Smooth            |                                                                                 |
|              | Dimmer Curve     | Linear            |                                                                                 |
|              |                  | Square            |                                                                                 |
|              |                  | Inv. Sq.          |                                                                                 |
|              |                  | S-Curve           |                                                                                 |
|              | Display          | Display Backlight | Off - 2 min                                                                     |
|              |                  | Display Lock      | Off - 10 min                                                                    |
|              |                  | Display Invert    | No / Yes                                                                        |

|              |                             |                                     |                    |
|--------------|-----------------------------|-------------------------------------|--------------------|
|              | Temperature Unit            | °C / °F                             |                    |
|              | Fan Speed                   | Low                                 |                    |
|              |                             | High                                |                    |
|              |                             | Auto                                |                    |
|              | Service<br>(Passcode = 011) | White Balance                       | Red1 (000 - 255)   |
|              |                             |                                     | Green1 (000 - 255) |
|              |                             |                                     | Blue1 (000 - 255)  |
|              |                             |                                     | Red2 (000 - 255)   |
|              |                             |                                     | Green2 (000 - 255) |
|              |                             |                                     | Blue2 (000 - 255)  |
|              |                             |                                     | ...                |
|              |                             | USB Port Power                      | ON / OFF           |
|              |                             | Update Software                     | Yes / No           |
|              |                             | Factory Restore                     | Yes / No           |
| MANUAL       | Tilt                        | 000 - 255                           |                    |
|              | Zoom                        | 000 - 255                           |                    |
|              | Dimmer                      | 000 - 255                           |                    |
|              | Main Red                    | 000 - 255                           |                    |
|              | Main Green                  | 000 - 255                           |                    |
|              | Main Blue                   | 000 - 255                           |                    |
|              | Main White                  | 000 - 255                           |                    |
|              | Line Red                    | 000 - 255                           |                    |
|              | Line Green                  | 000 - 255                           |                    |
|              | Line Blue                   | 000 - 255                           |                    |
|              | Line CW                     | 000 - 255                           |                    |
|              | Line WW                     | 000 - 255                           |                    |
| FIXTURE TEST | All Test                    |                                     |                    |
|              | Main Test                   |                                     |                    |
|              | Line Test                   |                                     |                    |
| FIXTURE INFO | Fixture Use Hour            | Total LED Hour                      |                    |
|              |                             | LED On Hour                         |                    |
|              |                             | LED Hours Reset                     |                    |
|              | Temperature                 |                                     |                    |
|              | Fan State                   |                                     |                    |
|              | RDM UID                     | xxxxxx                              |                    |
|              | Error Logs                  | Fixture Errors                      | LED Fan Error      |
|              |                             | Reset Error Log<br>(Passcode = 011) | Temperature Error  |
|              | Firmware Version            | x.xx                                |                    |
| RESET        | All Reset                   | No                                  |                    |
|              |                             | Yes                                 |                    |

### **3.Technical Parameter**

Power 800W

light source:10x60W RGBW LED +96x3W CW LED+  
96x3W WW LED+96x0.5W RGB LED

Beam angle 2.8 ° -31 °     Spot angle 5 ° -46 °

Dimming/strobe 0%~100% smooth dimming, multiple speed strobe effects

Y-axis movement angle 202 °

#### **Control**

Channel mode 17/27/99/108/168/170CH

control protocol:DMX512,RDM,Software upgrade via DMX connection

#### **Structure**

Display Screen LCD Display Screen

Perform menu settings

Signal input/output

Five core XLR socket (optional three core)

Power socket, power connector, input/output

Protection level IP65

#### **Main features**

Linear scaling system

Full and sharp beam of light

Excellent color mixing effect

Size: 1010x125x370mm

Weight:31kgs

## 4.DMX512 Channels

### 17 Channels (Mode 1)

| Channel | Value   | Remark                                 |
|---------|---------|----------------------------------------|
| 1       | 000-255 | TILT                                   |
|         |         | 0°- 202°                               |
| 2       | 000-255 | TILT FINE                              |
| 3       | 000-255 | ZOOM                                   |
|         |         | Wide→Narrow                            |
| 4       | 000-255 | DIMMER                                 |
|         |         | 0%-100%                                |
| 5       |         | MAIN STROBE                            |
|         | 000-007 | Close                                  |
|         | 008-015 | Open                                   |
|         | 016-131 | Strobe from Slow to Fast               |
|         | 132-139 | Open                                   |
|         | 140-181 | Slow Open Fast Close from Slow to Fast |
|         | 182-189 | Open                                   |
|         | 190-231 | Fast Open Slow Close from Slow to Fast |
|         | 232-239 | Open                                   |
|         | 240-247 | Random Strobe from Slow to Fast        |
|         | 248-255 | Open                                   |
| 6       |         | LINE_W STROBE                          |
|         | 000-007 | Close                                  |
|         | 008-015 | Open                                   |
|         | 016-131 | Strobe from Slow to Fast               |
|         | 132-139 | Open                                   |
|         | 140-181 | Slow Open Fast Close from Slow to Fast |
|         | 182-189 | Open                                   |
|         | 190-231 | Fast Open Slow Close from Slow to Fast |
|         | 232-239 | Open                                   |
|         | 240-247 | Random Strobe from Slow to Fast        |
|         | 248-255 | Open                                   |
| 7       |         | LINE_RGB STROBE                        |
|         | 000-007 | Close                                  |
|         | 008-015 | Open                                   |
|         | 016-131 | Strobe from Slow to Fast               |
|         | 132-139 | Open                                   |
|         | 140-181 | Slow Open Fast Close from Slow to Fast |
|         | 182-189 | Open                                   |
|         |         |                                        |

|   |         |                                        |
|---|---------|----------------------------------------|
|   | 190-231 | Fast Open Slow Close from Slow to Fast |
|   | 232-239 | Open                                   |
|   | 240-247 | Random Strobe from Slow to Fast        |
|   | 248-255 | Open                                   |
| 8 |         | SPECIAL FUNCTION                       |
|   | 000-029 | Null                                   |
|   | 030-039 | Dimmer Curve: Linear                   |
|   | 040-049 | Dimmer Curve: Square Law               |
|   | 050-059 | Dimmer Curve: Inv SQ Law               |
|   | 060-069 | Dimmer Curve: S Curve                  |
|   | 070-079 | Power Mode: Standard                   |
|   | 080-089 | Null                                   |
|   | 090-099 | Power Mode: Quiet                      |
|   | 100-109 | Led Frequency Setting Enable           |
|   | 110-119 | Led Frequency Setting Disable          |
|   | 120-122 | Null                                   |
|   | 123     | 900Hz                                  |
|   | 124     | 1000Hz                                 |
|   | 125     | 1100Hz                                 |
|   | 126     | 1200Hz                                 |
|   | 127     | 1300Hz                                 |
|   | 128     | 1400Hz                                 |
|   | 129     | 1500Hz                                 |
|   | 130     | 2500Hz                                 |
|   | 131     | 4000Hz                                 |
|   | 132     | 5000Hz                                 |
|   | 133     | 6000Hz                                 |
|   | 134     | 10KHz                                  |
|   | 135     | 15KHz                                  |
|   | 136     | 20KHz                                  |
|   | 137     | 25KHz                                  |
|   | 138-139 | Null                                   |
|   | 140-149 | Tilt Reset                             |
|   | 150-159 | Effect Reset                           |
|   | 160-169 | CCT Calibration: On                    |
|   | 170-179 | CCT Calibration: Off                   |
|   | 180-199 | Null                                   |
|   | 200-209 | All Reset                              |
|   | 210-219 | Dimmer Speed: Fast                     |
|   | 220-229 | Dimmer Speed: Smooth                   |
|   | 230-239 | Line Power Mode: Off                   |
|   | 240-249 | Line Power Mode: On                    |
|   | 250-255 | Null                                   |
| 9 |         | MAIN RED                               |
|   | 000-255 | 0%-100%                                |

|    |         |                |
|----|---------|----------------|
| 10 |         | MAIN GREEN     |
|    | 000-255 | 0%-100%        |
| 11 |         | MAIN BLUE      |
|    | 000-255 | 0%-100%        |
| 12 |         | MAIN WHITE     |
|    | 000-255 | 0%-100%        |
| 13 |         | LINE_W CW      |
|    | 000-255 | 0%-100%        |
| 14 |         | LINE_WWW       |
|    | 000-255 | 0%-100%        |
| 15 |         | LINE_RGB RED   |
|    | 000-255 | 0%-100%        |
| 16 |         | LINE_RGB GREEN |
|    | 000-255 | 0%-100%        |
| 17 |         | LINE_RGB BLUE  |
|    | 000-255 | 0%-100%        |

| 27 Channels (Mode 2) : |         |                                        |
|------------------------|---------|----------------------------------------|
| CHANNEL                | VALUE   | FUNCTION                               |
| 1                      | 000-255 | TILT                                   |
|                        |         | 0°- 202°                               |
| 2                      | 000-255 | TILT FINE                              |
| 3                      | 000-255 | ZOOM                                   |
|                        |         | Wide→Narrow                            |
| 4                      | 000-255 | DIMMER                                 |
|                        |         | 0%-100%                                |
| 5                      |         | MAIN STROBE                            |
|                        | 000-007 | Close                                  |
|                        | 008-015 | Open                                   |
|                        | 016-131 | Strobe from Slow to Fast               |
|                        | 132-139 | Open                                   |
|                        | 140-181 | Slow Open Fast Close from Slow to Fast |
|                        | 182-189 | Open                                   |
|                        | 190-231 | Fast Open Slow Close from Slow to Fast |
|                        | 232-239 | Open                                   |
|                        | 240-247 | Random Strobe from Slow to Fast        |
|                        | 248-255 | Open                                   |
| 6                      |         | LINE_W STROBE                          |
|                        | 000-007 | Close                                  |
|                        | 008-015 | Open                                   |
|                        | 016-131 | Strobe from Slow to Fast               |
|                        | 132-139 | Open                                   |
|                        | 140-181 | Slow Open Fast Close from Slow to Fast |

|   |         |                                        |
|---|---------|----------------------------------------|
|   | 182-189 | Open                                   |
|   | 190-231 | Fast Open Slow Close from Slow to Fast |
|   | 232-239 | Open                                   |
|   | 240-247 | Random Strobe from Slow to Fast        |
|   | 248-255 | Open                                   |
| 7 |         | LINE_RGB STROBE                        |
|   | 000-007 | Close                                  |
|   | 008-015 | Open                                   |
|   | 016-131 | Strobe from Slow to Fast               |
|   | 132-139 | Open                                   |
|   | 140-181 | Slow Open Fast Close from Slow to Fast |
|   | 182-189 | Open                                   |
|   | 190-231 | Fast Open Slow Close from Slow to Fast |
|   | 232-239 | Open                                   |
|   | 240-247 | Random Strobe from Slow to Fast        |
|   | 248-255 | Open                                   |
| 8 |         | SPECIAL FUNCTION                       |
|   | 000-029 | Null                                   |
|   | 030-039 | Dimmer Curve: Linear                   |
|   | 040-049 | Dimmer Curve: Square Law               |
|   | 050-059 | Dimmer Curve: Inv SQ Law               |
|   | 060-069 | Dimmer Curve: S Curve                  |
|   | 070-079 | Power Mode: Standard                   |
|   | 080-089 | Null                                   |
|   | 090-099 | Power Mode: Quiet                      |
|   | 100-109 | Led Frequency Setting Enable           |
|   | 110-119 | Led Frequency Setting Disable          |
|   | 120-122 | Null                                   |
|   | 123     | 900Hz                                  |
|   | 124     | 1000Hz                                 |
|   | 125     | 1100Hz                                 |
|   | 126     | 1200Hz                                 |
|   | 127     | 1300Hz                                 |
|   | 128     | 1400Hz                                 |
|   | 129     | 1500Hz                                 |
|   | 130     | 2500Hz                                 |
|   | 131     | 4000Hz                                 |
|   | 132     | 5000Hz                                 |
|   | 133     | 6000Hz                                 |
|   | 134     | 10KHz                                  |
|   | 135     | 15KHz                                  |
|   | 136     | 20KHz                                  |
|   | 137     | 25KHz                                  |
|   | 138-139 | Null                                   |
|   | 140-149 | Tilt Reset                             |

|    |         |                      |
|----|---------|----------------------|
|    | 150-159 | Effect Reset         |
|    | 160-169 | CCT Calibration: On  |
|    | 170-179 | CCT Calibration: Off |
|    | 180-199 | Null                 |
|    | 200-209 | All Reset            |
|    | 210-219 | Dimmer Speed: Fast   |
|    | 220-229 | Dimmer Speed: Smooth |
|    | 230-239 | Line Power Mode: Off |
|    | 240-249 | Line Power Mode: On  |
|    | 250-255 | Null                 |
| 9  |         | MAIN RED             |
|    | 000-255 | 0%-100%              |
| 10 |         | MAIN GREEN           |
|    | 000-255 | 0%-100%              |
| 11 |         | MAIN BLUE            |
|    | 000-255 | 0%-100%              |
| 12 |         | MAIN WHITE           |
|    | 000-255 | 0%-100%              |
| 13 |         | MAIN CCT             |
|    | 0       | Null                 |
|    | 001-004 | 8000K                |
|    | 005-009 | 7900K                |
|    | 010-013 | 7800K                |
|    | 014-018 | 7700K                |
|    | 019-022 | 7600K                |
|    | 023-027 | 7500K                |
|    | 028-031 | 7400K                |
|    | 032-036 | 7300K                |
|    | 037-040 | 7200K                |
|    | 041-045 | 7100K                |
|    | 046-049 | 7000K                |
|    | 050-054 | 6900K                |
|    | 055-058 | 6800K                |
|    | 059-063 | 6700K                |
|    | 064-067 | 6600K                |
|    | 068-072 | 6500K                |
|    | 073-076 | 6400K                |
|    | 077-081 | 6300K                |
|    | 082-085 | 6200K                |
|    | 086-090 | 6100K                |
|    | 091-094 | 6000K                |
|    | 095-099 | 5900K                |
|    | 100-103 | 5800K                |
|    | 104-108 | 5700K                |
|    | 109-112 | 5600K                |
|    | 113-117 | 5500K                |

|    |         |            |
|----|---------|------------|
|    | 118-121 | 5400K      |
|    | 122-126 | 5300K      |
|    | 127-130 | 5200K      |
|    | 131-135 | 5100K      |
|    | 136-139 | 5000K      |
|    | 140-144 | 4900K      |
|    | 145-148 | 4800K      |
|    | 149-153 | 4700K      |
|    | 154-157 | 4600K      |
|    | 158-162 | 4500K      |
|    | 163-166 | 4400K      |
|    | 167-171 | 4300K      |
|    | 172-175 | 4200K      |
|    | 176-180 | 4100K      |
|    | 181-184 | 4000K      |
|    | 185-189 | 3900K      |
|    | 190-193 | 3800K      |
|    | 194-198 | 3700K      |
|    | 199-202 | 3600K      |
|    | 203-207 | 3500K      |
|    | 208-211 | 3400K      |
|    | 212-216 | 3300K      |
|    | 217-220 | 3200K      |
|    | 221-225 | 3100K      |
|    | 226-229 | 3000K      |
|    | 230-234 | 2900K      |
|    | 235-238 | 2800K      |
|    | 239-243 | 2700K      |
|    | 244-247 | 2600K      |
|    | 248-255 | 2500K      |
| 14 |         | MAIN COLOR |
|    | 000-007 | Null       |
|    | 008-015 | Color1     |
|    | 016-023 | Color2     |
|    | 024-031 | Color3     |
|    | 032-039 | Color4     |
|    | 040-047 | Color5     |
|    | 048-055 | Color6     |
|    | 056-063 | Color7     |
|    | 064-071 | Color8     |
|    | 072-079 | Color9     |
|    | 080-087 | Color10    |
|    | 088-095 | Color11    |
|    | 096-103 | Color12    |
|    | 104-111 | Color13    |
|    | 112-119 | Color14    |

|    |         |                    |
|----|---------|--------------------|
|    | 120-127 | Color15            |
|    | 128-135 | Color16            |
|    | 136-143 | Color17            |
|    | 144-151 | Color18            |
|    | 152-159 | Color19            |
|    | 160-167 | Color20            |
|    | 168-175 | Color21            |
|    | 176-183 | Color22            |
|    | 184-191 | Color23            |
|    | 192-199 | Color24            |
|    | 200-207 | Color25            |
|    | 208-215 | Color26            |
|    | 216-223 | Color27            |
|    | 224-231 | Color28            |
|    | 232-239 | Color29            |
|    | 240-247 | Color30            |
|    | 248-255 | Color31            |
| 15 |         | MAIN MACRO         |
|    | 000-007 | Null               |
|    | 008-015 | Built-in Effect 1  |
|    | 016-023 | Built-in Effect 2  |
|    | 024-031 | Built-in Effect 3  |
|    | 032-039 | Built-in Effect 4  |
|    | 040-047 | Built-in Effect 5  |
|    | 048-055 | Built-in Effect 6  |
|    | 056-063 | Built-in Effect 7  |
|    | 064-071 | Built-in Effect 8  |
|    | 072-079 | Built-in Effect 9  |
|    | 080-87  | Built-in Effect 10 |
|    | 088-095 | Built-in Effect 11 |
|    | 096-103 | Built-in Effect 12 |
|    | 104-111 | Built-in Effect 13 |
|    | 112-119 | Built-in Effect 14 |
|    | 120-127 | Built-in Effect 15 |
|    | 128-135 | Built-in Effect 16 |
|    | 136-143 | Built-in Effect 17 |
|    | 144-151 | Built-in Effect 18 |
|    | 152-159 | Built-in Effect 19 |
|    | 160-167 | Built-in Effect 20 |
|    | 168-175 | Built-in Effect 21 |
|    | 176-183 | Built-in Effect 22 |
|    | 184-191 | Built-in Effect 23 |
|    | 192-199 | Null               |
|    | 200-207 | Null               |
|    | 208-215 | Null               |
|    | 216-223 | Null               |

|    |         |                           |
|----|---------|---------------------------|
|    | 224-231 | Null                      |
|    | 232-239 | Null                      |
|    | 240-247 | Null                      |
|    | 248-255 | Null                      |
| 16 |         | MAIN MACRO SPEED          |
|    | 000-127 | Slow to Fast without Fade |
|    | 128-255 | Slow to Fast with Fade    |
| 17 |         | LINE_W CW                 |
|    | 000-255 | 0%-100%                   |
| 18 |         | LINE_WWW                  |
|    | 000-255 | 0%-100%                   |
| 19 |         | LINE_W CCT                |
|    | 0       | Null                      |
|    | 001-004 | Null                      |
|    | 005-009 | Null                      |
|    | 010-013 | Null                      |
|    | 014-018 | Null                      |
|    | 019-022 | Null                      |
|    | 023-027 | Null                      |
|    | 028-031 | Null                      |
|    | 032-036 | Null                      |
|    | 037-040 | Null                      |
|    | 041-045 | Null                      |
|    | 046-049 | Null                      |
|    | 050-054 | Null                      |
|    | 055-058 | Null                      |
|    | 059-063 | Null                      |
|    | 064-067 | Null                      |
|    | 068-072 | 6500K                     |
|    | 073-076 | 6400K                     |
|    | 077-081 | 6300K                     |
|    | 082-085 | 6200K                     |
|    | 086-090 | 6100K                     |
|    | 091-094 | 6000K                     |
|    | 095-099 | 5900K                     |
|    | 100-103 | 5800K                     |
|    | 104-108 | 5700K                     |
|    | 109-112 | 5600K                     |
|    | 113-117 | 5500K                     |
|    | 118-121 | 5400K                     |
|    | 122-126 | 5300K                     |
|    | 127-130 | 5200K                     |
|    | 131-135 | 5100K                     |
|    | 136-139 | 5000K                     |
|    | 140-144 | 4900K                     |

|    |         |                    |
|----|---------|--------------------|
|    | 145-148 | 4800K              |
|    | 149-153 | 4700K              |
|    | 154-157 | 4600K              |
|    | 158-162 | 4500K              |
|    | 163-166 | 4400K              |
|    | 167-171 | 4300K              |
|    | 172-175 | 4200K              |
|    | 176-180 | 4100K              |
|    | 181-184 | 4000K              |
|    | 185-189 | 3900K              |
|    | 190-193 | 3800K              |
|    | 194-198 | 3700K              |
|    | 199-202 | 3600K              |
|    | 203-207 | 3500K              |
|    | 208-211 | 3400K              |
|    | 212-216 | 3300K              |
|    | 217-220 | 3200K              |
|    | 221-225 | 3100K              |
|    | 226-229 | 3000K              |
|    | 230-234 | 2900K              |
|    | 235-238 | 2800K              |
|    | 239-243 | 2700K              |
|    | 244-247 | 2600K              |
|    | 248-255 | Reserved Values    |
| 20 |         | LINE_W MACRO       |
|    | 000-007 | Null               |
|    | 008-015 | Built-in Effect 1  |
|    | 016-023 | Built-in Effect 2  |
|    | 024-031 | Built-in Effect 3  |
|    | 032-039 | Built-in Effect 4  |
|    | 040-047 | Built-in Effect 5  |
|    | 048-055 | Built-in Effect 6  |
|    | 056-063 | Built-in Effect 7  |
|    | 064-071 | Built-in Effect 8  |
|    | 072-079 | Built-in Effect 9  |
|    | 080-87  | Built-in Effect 10 |
|    | 088-095 | Built-in Effect 11 |
|    | 096-103 | Built-in Effect 12 |
|    | 104-111 | Built-in Effect 13 |
|    | 112-119 | Built-in Effect 14 |
|    | 120-127 | Built-in Effect 15 |
|    | 128-135 | Built-in Effect 16 |
|    | 136-143 | Built-in Effect 17 |
|    | 144-151 | Built-in Effect 18 |
|    | 152-159 | Built-in Effect 19 |
|    | 160-167 | Built-in Effect 20 |
|    | 168-175 | Built-in Effect 21 |

|    |         |                           |
|----|---------|---------------------------|
|    | 176-183 | Built-in Effect 22        |
|    | 184-191 | Built-in Effect 23        |
|    | 192-199 | Null                      |
|    | 200-207 | Null                      |
|    | 208-215 | Null                      |
|    | 216-223 | Null                      |
|    | 224-231 | Null                      |
|    | 232-239 | Null                      |
|    | 240-247 | Null                      |
|    | 248-255 | Null                      |
| 21 |         | LINE_W MACRO SPEED        |
|    | 000-127 | Slow to Fast without Fade |
|    | 128-255 | Slow to Fast with Fade    |
| 22 |         | LINE_RGB RED              |
|    | 000-255 | 0%-100%                   |
|    |         | LINE_RGB GREEN            |
|    | 000-255 | 0%-100%                   |
|    |         | LINE_RGB BLUE             |
| 25 | 000-255 | 0%-100%                   |
|    |         | LINE_RGB COLOR            |
|    | 000-007 | Null                      |
|    | 008-015 | Color1                    |
|    | 016-023 | Color2                    |
|    | 024-031 | Color3                    |
|    | 032-039 | Color4                    |
|    | 040-047 | Color5                    |
|    | 048-055 | Color6                    |
|    | 056-063 | Color7                    |
|    | 064-071 | Color8                    |
|    | 072-079 | Color9                    |
|    | 080-087 | Color10                   |
|    | 088-095 | Color11                   |
|    | 096-103 | Color12                   |
|    | 104-111 | Color13                   |
|    | 112-119 | Color14                   |
|    | 120-127 | Color15                   |
|    | 128-135 | Color16                   |
|    | 136-143 | Color17                   |
|    | 144-151 | Color18                   |
|    | 152-159 | Color19                   |
|    | 160-167 | Color20                   |
|    | 168-175 | Color21                   |
|    | 176-183 | Color22                   |
|    | 184-191 | Color23                   |

|    |         |                           |
|----|---------|---------------------------|
|    | 192-199 | Color24                   |
|    | 200-207 | Color25                   |
|    | 208-215 | Color26                   |
|    | 216-223 | Color27                   |
|    | 224-231 | Color28                   |
|    | 232-239 | Color29                   |
|    | 240-247 | Color30                   |
|    | 248-255 | Color31                   |
| 26 |         | LINE_RGB MACRO            |
|    | 000-007 | Null                      |
|    | 008-015 | Built-in Effect 1         |
|    | 016-023 | Built-in Effect 2         |
|    | 024-031 | Built-in Effect 3         |
|    | 032-039 | Built-in Effect 4         |
|    | 040-047 | Built-in Effect 5         |
|    | 048-055 | Built-in Effect 6         |
|    | 056-063 | Built-in Effect 7         |
|    | 064-071 | Built-in Effect 8         |
|    | 072-079 | Built-in Effect 9         |
|    | 080-87  | Built-in Effect 10        |
|    | 088-095 | Built-in Effect 11        |
|    | 096-103 | Built-in Effect 12        |
|    | 104-111 | Built-in Effect 13        |
|    | 112-119 | Built-in Effect 14        |
|    | 120-127 | Built-in Effect 15        |
|    | 128-135 | Built-in Effect 16        |
|    | 136-143 | Built-in Effect 17        |
|    | 144-151 | Built-in Effect 18        |
|    | 152-159 | Built-in Effect 19        |
|    | 160-167 | Built-in Effect 20        |
|    | 168-175 | Built-in Effect 21        |
|    | 176-183 | Built-in Effect 22        |
|    | 184-191 | Built-in Effect 23        |
|    | 192-199 | Null                      |
|    | 200-207 | Null                      |
|    | 208-215 | Null                      |
|    | 216-223 | Null                      |
|    | 224-231 | Null                      |
|    | 232-239 | Null                      |
|    | 240-247 | Null                      |
|    | 248-255 | Null                      |
| 27 |         | LINE_RGB MACRO SPEED      |
|    | 000-127 | Slow to Fast without Fade |
|    | 128-255 | Slow to Fast with Fade    |

99 Channels (Mode 3) :

| CHANNEL | VALUE | FUNCTION |
|---------|-------|----------|
|---------|-------|----------|

|   |         |                                        |
|---|---------|----------------------------------------|
| 1 | 000-255 | TILT                                   |
|   |         | 0°- 202°                               |
| 2 | 000-255 | TILT FINE                              |
| 3 | 000-255 | ZOOM                                   |
|   |         | Wide→Narrow                            |
| 4 | 000-255 | DIMMER                                 |
|   |         | 0%-100%                                |
| 5 |         | MAIN STROBE                            |
|   | 000-007 | Close                                  |
|   | 008-015 | Open                                   |
|   | 016-131 | Strobe from Slow to Fast               |
|   | 132-139 | Open                                   |
|   | 140-181 | Slow Open Fast Close from Slow to Fast |
|   | 182-189 | Open                                   |
|   | 190-231 | Fast Open Slow Close from Slow to Fast |
|   | 232-239 | Open                                   |
|   | 240-247 | Random Strobe from Slow to Fast        |
|   | 248-255 | Open                                   |
| 6 |         | LINE_W STROBE                          |
|   | 000-007 | Close                                  |
|   | 008-015 | Open                                   |
|   | 016-131 | Strobe from Slow to Fast               |
|   | 132-139 | Open                                   |
|   | 140-181 | Slow Open Fast Close from Slow to Fast |
|   | 182-189 | Open                                   |
|   | 190-231 | Fast Open Slow Close from Slow to Fast |
|   | 232-239 | Open                                   |
|   | 240-247 | Random Strobe from Slow to Fast        |
|   | 248-255 | Open                                   |
| 7 |         | LINE_RGB STROBE                        |
|   | 000-007 | Close                                  |
|   | 008-015 | Open                                   |
|   | 016-131 | Strobe from Slow to Fast               |
|   | 132-139 | Open                                   |
|   | 140-181 | Slow Open Fast Close from Slow to Fast |
|   | 182-189 | Open                                   |
|   | 190-231 | Fast Open Slow Close from Slow to Fast |
|   | 232-239 | Open                                   |
|   | 240-247 | Random Strobe from Slow to Fast        |
|   | 248-255 | Open                                   |
| 8 |         | SPECIAL FUNCTION                       |
|   | 000-029 | Null                                   |
|   | 030-039 | Dimmer Curve: Linear                   |
|   | 040-049 | Dimmer Curve: Square Law               |
|   | 050-059 | Dimmer Curve: Inv SQ Law               |

|    |         |                               |
|----|---------|-------------------------------|
|    | 060-069 | Dimmer Curve: S Curve         |
|    | 070-079 | Power Mode: Standard          |
|    | 080-089 | Null                          |
|    | 090-099 | Power Mode: Quiet             |
|    | 100-109 | Led Frequency Setting Enable  |
|    | 110-119 | Led Frequency Setting Disable |
|    | 120-122 | Null                          |
|    | 123     | 900Hz                         |
|    | 124     | 1000Hz                        |
|    | 125     | 1100Hz                        |
|    | 126     | 1200Hz                        |
|    | 127     | 1300Hz                        |
|    | 128     | 1400Hz                        |
|    | 129     | 1500Hz                        |
|    | 130     | 2500Hz                        |
|    | 131     | 4000Hz                        |
|    | 132     | 5000Hz                        |
|    | 133     | 6000Hz                        |
|    | 134     | 10KHz                         |
|    | 135     | 15KHz                         |
|    | 136     | 20KHz                         |
|    | 137     | 25KHz                         |
|    | 138-139 | Null                          |
|    | 140-149 | Tilt Reset                    |
|    | 150-159 | Effect Reset                  |
|    | 160-169 | CCT Calibration: On           |
|    | 170-179 | CCT Calibration: Off          |
|    | 180-199 | Null                          |
|    | 200-209 | All Reset                     |
|    | 210-219 | Dimmer Speed: Fast            |
|    | 220-229 | Dimmer Speed: Smooth          |
|    | 230-239 | Line Power Mode: Off          |
|    | 240-249 | Line Power Mode: On           |
|    | 250-255 | Null                          |
| 9  |         | MAIN RED 1                    |
|    | 000-255 | 0%-100%                       |
| 10 |         | MAIN GREEN 1                  |
|    | 000-255 | 0%-100%                       |
| 11 |         | MAIN BLUE 1                   |
|    | 000-255 | 0%-100%                       |
| 12 |         | MAIN WHITE1                   |
|    | 000-255 | 0%-100%                       |
| 13 |         | MAIN RED 2                    |
|    | 000-255 | 0%-100%                       |
| 14 |         | MAIN GREEN 2                  |
|    | 000-255 | 0%-100%                       |

|       |         |                 |
|-------|---------|-----------------|
| 15    |         | MAIN BLUE 2     |
|       | 000-255 | 0%-100%         |
| 16    |         | MAIN WHITE 2    |
|       | 000-255 | 0%-100%         |
| ..... | .....   | MAIN...         |
|       | 000-255 | 0%-100%         |
| 45    |         | MAIN RED 10     |
|       | 000-255 | 0%-100%         |
| 46    |         | MAIN GREEN 10   |
|       | 000-255 | 0%-100%         |
| 47    |         | MAIN BLUE 10    |
|       | 000-255 | 0%-100%         |
| 48    |         | MAIN WHITE10    |
|       | 000-255 | 0%-100%         |
| 49    |         | LINE_W CW 1     |
|       | 000-255 | 0%-100%         |
| 50    |         | LINE_WWW 1      |
|       | 000-255 | 0%-100%         |
| ..... | .....   | LINE_W CW ...   |
|       | .....   | 0%-100%         |
| ..... | .....   | LINE_WWW ...    |
|       | .....   | 0%-100%         |
| 95    |         | LINE_W CW24 ... |
|       | 000-255 | 0%-100%         |
| 96    |         | LINE_WWW24      |
|       | 000-255 | 0%-100%         |
| 97    |         | LINE_RGB RED    |
|       | 000-255 | 0%-100%         |
| 98    |         | LINE_RGB GREEN  |
|       | 000-255 | 0%-100%         |
| 99    |         | LINE_RGB BLUE   |
|       | 000-255 | 0%-100%         |

108 Channels (Mode 4) :

| CHANNEL | VALUE   | FUNCTION                 |
|---------|---------|--------------------------|
| 1       | 000-255 | TILT                     |
|         |         | 0°- 202°                 |
| 2       | 000-255 | TILT FINE                |
| 3       | 000-255 | ZOOM                     |
|         |         | Wide→Narrow              |
| 4       | 000-255 | DIMMER                   |
|         |         | 0%-100%                  |
| 5       |         | MAIN STROBE              |
|         | 000-007 | Close                    |
|         | 008-015 | Open                     |
|         | 016-131 | Strobe from Slow to Fast |

|   |         |                                        |
|---|---------|----------------------------------------|
|   | 132-139 | Open                                   |
|   | 140-181 | Slow Open Fast Close from Slow to Fast |
|   | 182-189 | Open                                   |
|   | 190-231 | Fast Open Slow Close from Slow to Fast |
|   | 232-239 | Open                                   |
|   | 240-247 | Random Strobe from Slow to Fast        |
|   | 248-255 | Open                                   |
| 6 |         | LINE_W STROBE                          |
|   | 000-007 | Close                                  |
|   | 008-015 | Open                                   |
|   | 016-131 | Strobe from Slow to Fast               |
|   | 132-139 | Open                                   |
|   | 140-181 | Slow Open Fast Close from Slow to Fast |
|   | 182-189 | Open                                   |
|   | 190-231 | Fast Open Slow Close from Slow to Fast |
|   | 232-239 | Open                                   |
|   | 240-247 | Random Strobe from Slow to Fast        |
|   | 248-255 | Open                                   |
| 7 |         | LINE_RGB STROBE                        |
|   | 000-007 | Close                                  |
|   | 008-015 | Open                                   |
|   | 016-131 | Strobe from Slow to Fast               |
|   | 132-139 | Open                                   |
|   | 140-181 | Slow Open Fast Close from Slow to Fast |
|   | 182-189 | Open                                   |
|   | 190-231 | Fast Open Slow Close from Slow to Fast |
|   | 232-239 | Open                                   |
|   | 240-247 | Random Strobe from Slow to Fast        |
|   | 248-255 | Open                                   |
| 8 |         | SPECIAL FUNCTION                       |
|   | 000-029 | Null                                   |
|   | 030-039 | Dimmer Curve: Linear                   |
|   | 040-049 | Dimmer Curve: Square Law               |
|   | 050-059 | Dimmer Curve: Inv SQ Law               |
|   | 060-069 | Dimmer Curve: S Curve                  |
|   | 070-079 | Power Mode: Standard                   |
|   | 080-089 | Null                                   |
|   | 090-099 | Power Mode: Quiet                      |
|   | 100-109 | Led Frequency Setting Enable           |
|   | 110-119 | Led Frequency Setting Disable          |
|   | 120-122 | Null                                   |
|   | 123     | 900Hz                                  |
|   | 124     | 1000Hz                                 |
|   | 125     | 1100Hz                                 |
|   | 126     | 1200Hz                                 |

|       |         |                      |
|-------|---------|----------------------|
|       | 127     | 1300Hz               |
|       | 128     | 1400Hz               |
|       | 129     | 1500Hz               |
|       | 130     | 2500Hz               |
|       | 131     | 4000Hz               |
|       | 132     | 5000Hz               |
|       | 133     | 6000Hz               |
|       | 134     | 10KHz                |
|       | 135     | 15KHz                |
|       | 136     | 20KHz                |
|       | 137     | 25KHz                |
|       | 138-139 | Null                 |
|       | 140-149 | Tilt Reset           |
|       | 150-159 | Effect Reset         |
|       | 160-169 | CCT Calibration: On  |
|       | 170-179 | CCT Calibration: Off |
|       | 180-199 | Null                 |
|       | 200-209 | All Reset            |
|       | 210-219 | Dimmer Speed: Fast   |
|       | 220-229 | Dimmer Speed: Smooth |
|       | 230-239 | Line Power Mode: Off |
|       | 240-249 | Line Power Mode: On  |
|       | 250-255 | Null                 |
| 9     |         | MAIN RED 1           |
|       | 000-255 | 0%-100%              |
| 10    |         | MAIN GREEN 1         |
|       | 000-255 | 0%-100%              |
| 11    |         | MAIN BLUE 1          |
|       | 000-255 | 0%-100%              |
| 12    |         | MAIN WHITE1          |
| ..... | .....   | 0%-100%              |
|       | 000-255 | MAIN RED 2           |
| ..... | .....   | 0%-100%              |
|       | 000-255 | MAIN GREEN 2         |
| ..... | .....   | 0%-100%              |
|       | 000-255 | MAIN BLUE 2          |
| ..... | .....   | 0%-100%              |
|       | 000-255 | MAIN WHITE 2         |
| 45    |         | 0%-100%              |
|       | 000-255 | MAIN...              |
| 46    |         | 0%-100%              |
|       | 000-255 | MAIN RED 10          |
| 47    |         | 0%-100%              |
|       | 000-255 | MAIN GREEN 10        |
| 48    |         | 0%-100%              |
|       | 000-255 | MAIN BLUE 10         |

|       |         |                   |
|-------|---------|-------------------|
| 49    |         | LINE_W CW 1       |
|       | 000-255 | 0%-100%           |
| 50    |         | LINE_WWW 1        |
|       | 000-255 | 0%-100%           |
| ..... | .....   | LINE_W CW ...     |
|       | 000-255 | 0%-100%           |
| ..... | .....   | LINE_WWW ...      |
|       | 000-255 | 0%-100%           |
| 71    |         | LINE_W CW12       |
|       | 000-255 | 0%-100%           |
| 72    |         | LINE_WWW12        |
|       | 000-255 | 0%-100%           |
| 73    |         | LINE_RGB RED1     |
|       | 000-255 | 0%-100%           |
| 74    |         | LINE_RGB GREEN1   |
|       | 000-255 | 0%-100%           |
| 75    |         | LINE_RGB BLUE1    |
|       | 000-255 | 0%-100%           |
| ..... | .....   | LINE_RGB RED...   |
|       | 000-255 | 0%-100%           |
| ..... | .....   | LINE_RGB GREEN... |
|       | 000-255 | 0%-100%           |
| ..... | .....   | LINE_RGB BLUE...  |
|       | 000-255 | 0%-100%           |
| 106   |         | LINE_RGB RED12    |
|       | 000-255 | 0%-100%           |
| 107   |         | LINE_RGB GREEN12  |
|       | 000-255 | 0%-100%           |
| 108   |         | LINE_RGB BLUE12   |
|       | 000-255 | 0%-100%           |

| 168 Channels (Mode 5) : |         |                                        |
|-------------------------|---------|----------------------------------------|
| CHANNEL                 | VALUE   | FUNCTION                               |
| 1                       | 000-255 | TILT                                   |
|                         |         | 0°- 202°                               |
| 2                       | 000-255 | TILT FINE                              |
| 3                       | 000-255 | ZOOM                                   |
|                         |         | Wide→Narrow                            |
| 4                       | 000-255 | DIMMER                                 |
|                         |         | 0%-100%                                |
| 5                       |         | MAIN STROBE                            |
|                         | 000-007 | Close                                  |
|                         | 008-015 | Open                                   |
|                         | 016-131 | Strobe from Slow to Fast               |
|                         | 132-139 | Open                                   |
|                         | 140-181 | Slow Open Fast Close from Slow to Fast |

|   |         |                                        |
|---|---------|----------------------------------------|
|   | 182-189 | Open                                   |
|   | 190-231 | Fast Open Slow Close from Slow to Fast |
|   | 232-239 | Open                                   |
|   | 240-247 | Random Strobe from Slow to Fast        |
|   | 248-255 | Open                                   |
| 6 |         | LINE_W STROBE                          |
|   | 000-007 | Close                                  |
|   | 008-015 | Open                                   |
|   | 016-131 | Strobe from Slow to Fast               |
|   | 132-139 | Open                                   |
|   | 140-181 | Slow Open Fast Close from Slow to Fast |
|   | 182-189 | Open                                   |
|   | 190-231 | Fast Open Slow Close from Slow to Fast |
|   | 232-239 | Open                                   |
|   | 240-247 | Random Strobe from Slow to Fast        |
|   | 248-255 | Open                                   |
| 7 |         | LINE_RGB STROBE                        |
|   | 000-007 | Close                                  |
|   | 008-015 | Open                                   |
|   | 016-131 | Strobe from Slow to Fast               |
|   | 132-139 | Open                                   |
|   | 140-181 | Slow Open Fast Close from Slow to Fast |
|   | 182-189 | Open                                   |
|   | 190-231 | Fast Open Slow Close from Slow to Fast |
|   | 232-239 | Open                                   |
|   | 240-247 | Random Strobe from Slow to Fast        |
|   | 248-255 | Open                                   |
| 8 |         | SPECIAL FUNCTION                       |
|   | 000-029 | Null                                   |
|   | 030-039 | Dimmer Curve: Linear                   |
|   | 040-049 | Dimmer Curve: Square Law               |
|   | 050-059 | Dimmer Curve: Inv SQ Law               |
|   | 060-069 | Dimmer Curve: S Curve                  |
|   | 070-079 | Power Mode: Standard                   |
|   | 080-089 | Null                                   |
|   | 090-099 | Power Mode: Quiet                      |
|   | 100-109 | Led Frequency Setting Enable           |
|   | 110-119 | Led Frequency Setting Disable          |
|   | 120-122 | Null                                   |
|   | 123     | 900Hz                                  |
|   | 124     | 1000Hz                                 |
|   | 125     | 1100Hz                                 |
|   | 126     | 1200Hz                                 |
|   | 127     | 1300Hz                                 |
|   | 128     | 1400Hz                                 |

|       |         |                      |
|-------|---------|----------------------|
|       | 129     | 1500Hz               |
|       | 130     | 2500Hz               |
|       | 131     | 4000Hz               |
|       | 132     | 5000Hz               |
|       | 133     | 6000Hz               |
|       | 134     | 10KHz                |
|       | 135     | 15KHz                |
|       | 136     | 20KHz                |
|       | 137     | 25KHz                |
|       | 138-139 | Null                 |
|       | 140-149 | Tilt Reset           |
|       | 150-159 | Effect Reset         |
|       | 160-169 | CCT Calibration: On  |
|       | 170-179 | CCT Calibration: Off |
|       | 180-199 | Null                 |
|       | 200-209 | All Reset            |
|       | 210-219 | Dimmer Speed: Fast   |
|       | 220-229 | Dimmer Speed: Smooth |
|       | 230-239 | Line Power Mode: Off |
|       | 240-249 | Line Power Mode: On  |
|       | 250-255 | Null                 |
| 9     |         | MAIN RED 1           |
|       | 000-255 | 0%-100%              |
| 10    |         | MAIN GREEN 1         |
|       | 000-255 | 0%-100%              |
| 11    |         | MAIN BLUE 1          |
|       | 000-255 | 0%-100%              |
| 12    |         | MAIN WHITE1          |
| ..... | .....   | 0%-100%              |
|       | 000-255 | MAIN RED 2           |
| ..... | .....   | 0%-100%              |
|       | 000-255 | MAIN GREEN 2         |
| ..... | .....   | 0%-100%              |
|       | 000-255 | MAIN BLUE 2          |
| ..... | .....   | 0%-100%              |
|       | 000-255 | MAIN WHITE 2         |
| 45    |         | 0%-100%              |
|       | 000-255 | MAIN...              |
| 46    |         | 0%-100%              |
|       | 000-255 | MAIN RED 10          |
| 47    |         | 0%-100%              |
|       | 000-255 | MAIN GREEN 10        |
| 48    |         | 0%-100%              |
|       | 000-255 | MAIN BLUE 10         |
| 49    |         | LINE_W CW 1          |
|       | 000-255 | 0%-100%              |

|       |         |                   |
|-------|---------|-------------------|
| 50    |         | LINE_WWW 1        |
|       | 000-255 | 0%-100%           |
| ..... | .....   | LINE_W CW ...     |
|       | 000-255 | 0%-100%           |
| ..... | .....   | LINE_WWW ...      |
|       | 000-255 | 0%-100%           |
| 95    |         | LINE_W CW 24      |
|       | 000-255 | 0%-100%           |
| 96    |         | LINE_WWW 24       |
|       | 000-255 | 0%-100%           |
| 97    |         | LINE_RGB RED1     |
|       | 000-255 | 0%-100%           |
| 98    |         | LINE_RGB GREEN1   |
|       | 000-255 | 0%-100%           |
| 99    |         | LINE_RGB BLUE1    |
|       | 000-255 | 0%-100%           |
| ..... | .....   | LINE_RGB RED...   |
|       | 000-255 | 0%-100%           |
| ..... | .....   | LINE_RGB GREEN... |
|       | 000-255 | 0%-100%           |
| ..... | .....   | LINE_RGB BLUE...  |
|       | 000-255 | 0%-100%           |
| 166   |         | LINE_RGB RED24    |
|       | 000-255 | 0%-100%           |
| 167   |         | LINE_RGB GREEN24  |
|       | 000-255 | 0%-100%           |
| 168   |         | LINE_RGB BLUE24   |
|       | 000-255 | 0%-100%           |

| 170 Channels (Mode 6) : |         |                          |
|-------------------------|---------|--------------------------|
| CHANNEL                 | VALUE   | FUNCTION                 |
| 1                       | 000-255 | TILT                     |
|                         |         | 0°- 202°                 |
| 2                       | 000-255 | TILT FINE                |
| 3                       | 000-255 | ZOOM                     |
|                         |         | Wide→Narrow              |
| 4                       | 000-255 | DIMMER                   |
|                         |         | 0%-100%                  |
| 5                       | 000-255 | LINE_W DIMMER            |
|                         |         | 0%-100%                  |
| 6                       | 000-255 | LINE_RGB DIMMER          |
|                         |         | 0%-100%                  |
| 7                       |         | MAIN STROBE              |
|                         | 000-007 | Close                    |
|                         | 008-015 | Open                     |
|                         | 016-131 | Strobe from Slow to Fast |

|    |         |                                        |
|----|---------|----------------------------------------|
|    | 132-139 | Open                                   |
|    | 140-181 | Slow Open Fast Close from Slow to Fast |
|    | 182-189 | Open                                   |
|    | 190-231 | Fast Open Slow Close from Slow to Fast |
|    | 232-239 | Open                                   |
|    | 240-247 | Random Strobe from Slow to Fast        |
|    | 248-255 | Open                                   |
| 8  |         | LINE_W STROBE                          |
|    | 000-007 | Close                                  |
|    | 008-015 | Open                                   |
|    | 016-131 | Strobe from Slow to Fast               |
|    | 132-139 | Open                                   |
|    | 140-181 | Slow Open Fast Close from Slow to Fast |
|    | 182-189 | Open                                   |
|    | 190-231 | Fast Open Slow Close from Slow to Fast |
|    | 232-239 | Open                                   |
|    | 240-247 | Random Strobe from Slow to Fast        |
|    | 248-255 | Open                                   |
| 9  |         | LINE_RGB STROBE                        |
|    | 000-007 | Close                                  |
|    | 008-015 | Open                                   |
|    | 016-131 | Strobe from Slow to Fast               |
|    | 132-139 | Open                                   |
|    | 140-181 | Slow Open Fast Close from Slow to Fast |
|    | 182-189 | Open                                   |
|    | 190-231 | Fast Open Slow Close from Slow to Fast |
|    | 232-239 | Open                                   |
|    | 240-247 | Random Strobe from Slow to Fast        |
|    | 248-255 | Open                                   |
| 10 |         | SPECIAL FUNCTION                       |
|    | 000-029 | Null                                   |
|    | 030-039 | Dimmer Curve: Linear                   |
|    | 040-049 | Dimmer Curve: Square Law               |
|    | 050-059 | Dimmer Curve: Inv SQ Law               |
|    | 060-069 | Dimmer Curve: S Curve                  |
|    | 070-079 | Power Mode: Standard                   |
|    | 080-089 | Null                                   |
|    | 090-099 | Power Mode: Quiet                      |
|    | 100-109 | Led Frequency Setting Enable           |
|    | 110-119 | Led Frequency Setting Disable          |
|    | 120-122 | Null                                   |
|    | 123     | 900Hz                                  |
|    | 124     | 1000Hz                                 |
|    | 125     | 1100Hz                                 |
|    | 126     | 1200Hz                                 |

|       |         |                      |
|-------|---------|----------------------|
|       | 127     | 1300Hz               |
|       | 128     | 1400Hz               |
|       | 129     | 1500Hz               |
|       | 130     | 2500Hz               |
|       | 131     | 4000Hz               |
|       | 132     | 5000Hz               |
|       | 133     | 6000Hz               |
|       | 134     | 10KHz                |
|       | 135     | 15KHz                |
|       | 136     | 20KHz                |
|       | 137     | 25KHz                |
|       | 138-139 | Null                 |
|       | 140-149 | Tilt Reset           |
|       | 150-159 | Effect Reset         |
|       | 160-169 | CCT Calibration: On  |
|       | 170-179 | CCT Calibration: Off |
|       | 180-199 | Null                 |
|       | 200-209 | All Reset            |
|       | 210-219 | Dimmer Speed: Fast   |
|       | 220-229 | Dimmer Speed: Smooth |
|       | 230-239 | Line Power Mode: Off |
|       | 240-249 | Line Power Mode: On  |
|       | 250-255 | Null                 |
| 11    |         | MAIN RED 1           |
|       | 000-255 | 0%-100%              |
| 12    |         | MAIN GREEN 1         |
|       | 000-255 | 0%-100%              |
| 13    |         | MAIN BLUE 1          |
|       | 000-255 | 0%-100%              |
| 14    |         | MAIN WHITE1          |
|       | 000-255 | 0%-100%              |
| ..... | .....   | MAIN RED ...         |
|       | 000-255 | 0%-100%              |
| ..... | .....   | MAIN GREEN ...       |
|       | 000-255 | 0%-100%              |
| ..... | .....   | MAIN BLUE ...        |
|       | 000-255 | 0%-100%              |
| ..... | .....   | MAIN WHITE...        |
|       | 000-255 | 0%-100%              |
| 47    |         | MAIN RED 10          |
|       | 000-255 | 0%-100%              |
| 48    |         | MAIN GREEN 10        |
|       | 000-255 | 0%-100%              |
| 49    |         | MAIN BLUE 10         |
|       | 000-255 | 0%-100%              |
| 50    |         | MAIN WHITE10         |

|       |         |                   |
|-------|---------|-------------------|
|       | 000-255 | 0%-100%           |
| 51    |         | LINE_W CW 1       |
|       | 000-255 | 0%-100%           |
| 52    |         | LINE_WWW 1        |
|       | 000-255 | 0%-100%           |
| ..... | .....   | LINE_W CW ...     |
|       | 000-255 | 0%-100%           |
| ..... | .....   | LINE_WWW ...      |
|       | 000-255 | 0%-100%           |
| 97    |         | LINE_W CW 24      |
|       | 000-255 | 0%-100%           |
| 98    |         | LINE_WWW 24       |
|       | 000-255 | 0%-100%           |
| 99    |         | LINE_RGB RED1     |
|       | 000-255 | 0%-100%           |
| 100   |         | LINE_RGB GREEN1   |
|       | 000-255 | 0%-100%           |
| 101   |         | LINE_RGB BLUE1    |
|       | 000-255 | 0%-100%           |
| ..... | .....   | LINE_RGB RED...   |
|       | 000-255 | 0%-100%           |
| ..... | .....   | LINE_RGB GREEN... |
|       | 000-255 | 0%-100%           |
| ..... | .....   | LINE_RGB BLUE...  |
|       | 000-255 | 0%-100%           |
| 168   |         | LINE_RGB RED24    |
|       | 000-255 | 0%-100%           |
| 169   |         | LINE_RGB GREEN24  |
|       | 000-255 | 0%-100%           |
| 170   |         | LINE_RGB BLUE24   |
|       | 000-255 | 0%-100%           |

# 5.Product size

