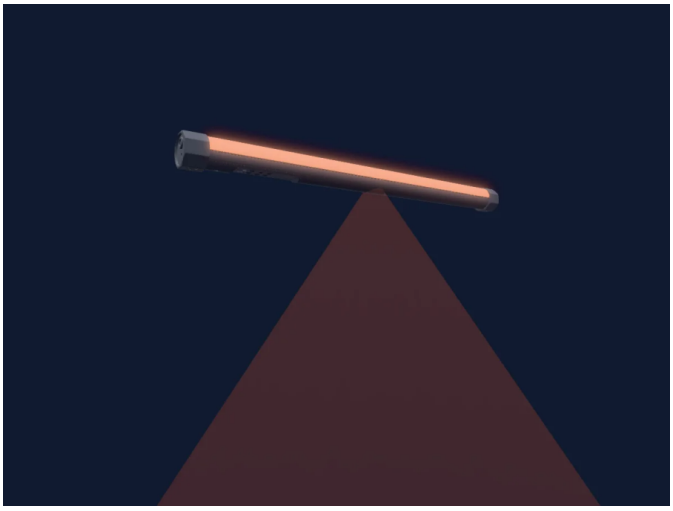
Nanlite

# Pavotube II 15X



| | |
|---|---|
| Manufacturer | **Nanlite** |
| Type | **LED bar** |
| DMX modes | **16** |
| DMX footprint | **3, 4, 6, 7, 9, 11, 12, 13, 16 channels** |
| Beam angle | **67°** |
| Size (W × H × D) | **43 × 43 × 600 mm** |
| GDTF fixture type | **45259890-5964-41BD-B519-25…** |

## Controls

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

## DMX modes

| | |
|---|---|
| RGB 8bit Pixel=1 | 3 ch |
| CCT 8bit Pixel=1 | 4 ch |
| HSI 8bit Pixel=1 | 4 ch |
| XY 8bit Pixel=1 | 4 ch |
| RGB 16bit Pixel=1 | 6 ch |
| RGBW 8bit Pixel=1 | 6 ch |
| CCT + RGB 8bit Pixel=1 | 7 ch |
| CCT 16bit Pixel=1 | 7 ch |
| CCT+HSI 8bit Pixel=1 | 7 ch |
| HSI 16bit Pixel=1 | 7 ch |
| XY 16bit Pixel=1 | 7 ch |
| CCT+RGBW 8bit Pixel=1 | 9 ch |
| RGBW 16bit PIxel=1 | 11 ch |
| CCT+HSI 16bit Pixel=1 | 12 ch |
| CCT+RGB 16bits Pixel=1 | 13 ch |
| CCT+RGBW 16bit Pixel=1 | 16 ch |

## RGB 8bit Pixel=1

3 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 0 | |
| 2 | Green | 0 | |
| 3 | Blue | 0 | |

## CCT 8bit Pixel=1

4 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 2 | C TC | 0 | |
| 3 | Tint | 0 | 0–10 Neutral/No Effect<br>11–20 -100 Green<br>21–119 -99 to -1 Green<br>120–145 Neutral/No Effect<br>146–244 +1 to +99 Green<br>245–255 +100 Green |
| 4 | Strobe Rate | 0 | 0–3 OFF<br>4–4 Random Fast<br>5–5 Random Medium<br>6–6 Random Slow<br>7–255 Variable Strobe |

## HSI 8bit Pixel=1

4 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 2 | H SBHue | 0 | 0–84 0deg - Red<br>85–169 120deg - Green<br>170–255 240deg - Blue |
| 3 | H SBSaturation | 0 | |
| 4 | Strobe Rate | 0 | 0–3 OFF<br>4–4 Random Fast<br>5–5 Random Medium<br>6–6 Random Slow<br>7–255 Variable Strobe |

## XY 8bit Pixel=1

4 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 2 | C IEX | 0 | |
| 3 | C IEY | 0 | |
| 4 | Strobe Rate | 0 | 0–3 OFF<br>4–4 Random Fast<br>5–5 Random Medium<br>6–6 Random Slow<br>7–255 Variable Strobe |

## RGB 16bit  Pixel=1

6 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 0 | |
| 2 | Red Fine | 0 | Fine byte of Red |
| 3 | Green | 0 | |
| 4 | Green Fine | 0 | Fine byte of Green |
| 5 | Blue | 0 | |
| 6 | Blue Fine | 0 | Fine byte of Blue |

## RGBW 8bit  Pixel=1

6 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254  Closed<br>255–255  Open |
| 2 | Red | 0 | |
| 3 | Green | 0 | |
| 4 | Blue | 0 | |
| 5 | White | 0 | |
| 6 | Strobe Rate | 0 | 0–3  OFF<br>4–4  Random Fast<br>5–5  Random Medium<br>6–6  Random Slow<br>7–255  Variable Strobe |

## CCT + RGB 8bit  Pixel=1

7 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | |
| 2 | C TC | 0 | |
| 3 | Tint | 128 | 0–10  Neutral/No Effect<br>11–20  -100 Green<br>21–119  -99 to -1 Green<br>120–145  Neutral/No Effect<br>146–244  +1 to +99 Green<br>245–255  +100 Green |
| 4 | Color XF | 0 | 0–254  CCT<br>255–255  RGB |
| 5 | Red | 0 | |
| 6 | Green | 0 | |
| 7 | Blue | 0 | |

## CCT 16bit  Pixel=1

7 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254  Closed<br>255–255  Open |
| 2 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 3 | C TC | 0 | |
| 4 | C TC Fine | 0 | Fine byte of C TC |

### CCT 16bit  Pixel=1 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 5 | Tint | 0 | 0–18  Neutral/No Effect<br>19–38  -100 Green<br>39–116  -99 to -1 Green<br>117–155  Neutral/No Effect<br>156–233  +1 to +99 Green<br>234–255  +100 Green |
| 6 | Tint Fine | 0 | Fine byte of Tint |
| 7 | Strobe Rate | 0 | 0–3  OFF<br>4–4  Random Fast<br>5–5  Random Medium<br>6–6  Random Slow<br>7–255  Variable Strobe |

## CCT+HSI 8bit Pixel=1

7 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254  closed<br>255–255  Open |
| 2 | C TC | 0 | |
| 3 | Tint | 0 | 0–10  Neutral/No Effect<br>11–20  -100 Green<br>21–119  -99 to -1 Green<br>120–145  Neutral/No Effect<br>146–244  +1 to +99 Green<br>245–255  +100 Green |
| 4 | Color XF | 0 | 0–254  CTC<br>255–255  HSI |
| 5 | H SBHue | 0 | 0–84  0deg - Red<br>85–169  120deg - Green<br>170–255  240deg - Blue |
| 6 | H SBSaturation | 0 | |
| 7 | Strobe Rate | 0 | 0–3  OFF<br>4–4  Random Fast<br>5–5  Random Medium<br>6–6  Random Slow<br>7–255  Variable Strobe |

## HSI 16bit  Pixel=1

7 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254  Closed<br>255–255  Open |
| 2 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 3 | H SBHue | 0 | 0–84  0deg - Red<br>85–169  120deg - Green<br>170–255  240deg - Blue |
| 4 | H SBHue Fine | 0 | Fine byte of H SBHue |
| 5 | H SBSaturation | 0 | |
| 6 | H SBSaturation Fine | 0 | Fine byte of H SBSaturation |
| 7 | Strobe Rate | 0 | 0–3  OFF<br>4–4  Random Fast<br>5–5  Random Medium<br>6–6  Random Slow<br>7–255  Variable Strobe |

## XY 16bit  Pixel=1

7 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254  Closed<br>255–255  Open |
| 2 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 3 | C IEX | 0 | |
| 4 | C IEX Fine | 0 | Fine byte of C IEX |
| 5 | C IEY | 0 | |
| 6 | C IEY Fine | 0 | Fine byte of C IEY |
| 7 | Strobe Rate | 0 | 0–3  OFF<br>4–4  Random Fast<br>5–5  Random Medium<br>6–6  Random Slow<br>7–255  Variable Strobe |

## CCT+RGBW 8bit  Pixel=1

9 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254  closed<br>255–255  open |
| 2 | C TC | 0 | |
| 3 | Tint | 128 | 0–10  Neutral/No Effect<br>11–20  -100 Green<br>21–119  -99 to -1 Green<br>120–145  Neutral/No Effect<br>146–244  +1 to +99 Green<br>245–255  +100 Green |
| 4 | Color XF | 0 | 0–254  CCT<br>255–255  RGBW |
| 5 | Red | 255 | |
| 6 | Green | 255 | |
| 7 | Blue | 255 | |
| 8 | White | 255 | |
| 9 | Strobe Rate | 0 | 0–3  OFF<br>4–4  Random Fast<br>5–5  Random Medium<br>6–6  Random Slow<br>7–255  Variable Strobe |

## RGBW 16bit  PIxel=1

11 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254  Closed<br>255–255  Open |
| 2 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 3 | Red | 0 | |
| 4 | Red Fine | 0 | Fine byte of Red |
| 5 | Green | 0 | |
| 6 | Green Fine | 0 | Fine byte of Green |
| 7 | Blue | 0 | |
| 8 | Blue Fine | 0 | Fine byte of Blue |
| 9 | White | 0 | |

### RGBW 16bit PIxel=1 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 10 | White Fine | 0 | Fine byte of White |
| 11 | Strobe Rate | 0 | 0–3 OFF<br>4–4 Random Fast<br>5–5 Random Medium<br>6–6 Random Slow<br>7–255 Variable Strobe |

## CCT+HSI 16bit Pixel=1

12 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 2 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 3 | C TC | 0 | |
| 4 | C TC Fine | 0 | Fine byte of C TC |
| 5 | Tint | 128 | 0–18 Neutral/No Effect<br>19–38 -100 Green<br>39–116 -99 to -1 Green<br>117–155 Neutral/No Effect<br>156–233 +1 to +99 Green<br>234–255 +100 Green |
| 6 | Tint Fine | 0 | Fine byte of Tint |
| 7 | Color XF | 0 | 0–254 CCT<br>255–255 HSI |
| 8 | H SBHue | 0 | 0–84 0deg - Red<br>85–169 120deg - Green<br>170–255 240deg - Blue |
| 9 | H SBHue Fine | 0 | Fine byte of H SBHue |
| 10 | H SBSaturation | 0 | |
| 11 | H SBSaturation Fine | 0 | Fine byte of H SBSaturation |
| 12 | Strobe Rate | 0 | 0–3 OFF<br>4–4 Random Fast<br>5–5 Random Medium<br>6–6 Random Slow<br>7–255 Variable Strobe |

## CCT+RGB 16bits Pixel=1

13 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | |
| 2 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 3 | C TC | 0 | |
| 4 | C TC Fine | 0 | Fine byte of C TC |
| 5 | Tint | 128 | 0–10 Neutral/No Effect<br>11–20 -100 Green<br>21–119 -99 to -1 Green<br>120–145 Neutral/No Effect<br>146–244 +1 to +99 Green<br>245–255 +100 Green |
| 6 | Tint Fine | 128 | Fine byte of Tint |
| 7 | Color XF | 0 | 0–254 CCT<br>255–255 RGB |

### CCT+RGB 16bits  Pixel=1 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 8 | Red | 0 | |
| 9 | Red Fine | 0 | Fine byte of Red |
| 10 | Green | 0 | |
| 11 | Green Fine | 0 | Fine byte of Green |
| 12 | Blue | 0 | |
| 13 | Blue Fine | 0 | Fine byte of Blue |

## CCT+RGBW 16bit Pixel=1

16 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–254  Closed<br>255–255  Open |
| 2 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 3 | C TC | 0 | |
| 4 | C TC Fine | 0 | Fine byte of C TC |
| 5 | Tint | 128 | 0–18  Neutral/No Effect<br>19–38  -100 Green<br>39–116  -99 to -1 Green<br>117–155  Neutral/No Effect<br>156–233  +1 to +99 Green<br>234–255  +100 Green |
| 6 | Tint Fine | 0 | Fine byte of Tint |
| 7 | Color XF | 0 | 0–254  CCT<br>255–255  RGBW |
| 8 | Red | 255 | |
| 9 | Red Fine | 255 | Fine byte of Red |
| 10 | Green | 255 | |
| 11 | Green Fine | 255 | Fine byte of Green |
| 12 | Blue | 255 | |
| 13 | Blue Fine | 255 | Fine byte of Blue |
| 14 | White | 255 | |
| 15 | White Fine | 255 | Fine byte of White |
| 16 | Strobe Rate | 0 | 0–3  OFF<br>4–4  Random Fast<br>5–5  Random Medium<br>6–6  Random Slow<br>7–255  Variable Strobe |