Product Features

- Wet Location listed, housed in a durable silicone sleeve with no cracking or yellowing
- Tight on-center LED spacing with dedicated 2700K chip for precise color
- 15mm wide with 3oz copper trace for standard heat dissipation
- Provided with factory-applied 3M VHB adhesive tape on the back of the sleeve for quick application
- Factory-installed lead wires
- Dimmable with DMX protocol (see power supply pages for options)
- DMX Controllable and compatible with Tivoli’s CUEpro software
- Low Voltage (24V DC)
- IP67 rated
- 3-year warranty

Order Specification Guide

<table>
<thead>
<tr>
<th>PRODUCT CODE</th>
<th>INTENSITY</th>
<th>INSTALL</th>
<th>LENGTH</th>
<th>VOLTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPLC</td>
<td>RGBW</td>
<td>O</td>
<td>MR</td>
<td>24</td>
</tr>
</tbody>
</table>

TPLC = TivoTape Color Changing
RGBW = Red, Green, Blue, White (2700K)
O = Outdoor
MR = Max Run (leave blank for factory cut)
24 = 24V DC

TivoTape Run Lengths & End Preps
Please specify length of run with quantity of run(s) and end prep type at time of ordering.
Note: Only (1) end prep needed for each run (see page 19)

Tivoli, LLC. reserves the right to modify this specification without prior notice.
## Specifications

### Electrical
- **Input Voltage**: 24V DC
- **Dimming**: DMX
- **Power Supply**: Class 2
- **Wire Size (End Prep)**: 22 AWG, 5 Wire
- **Power Consumption**: 5.3W/ft
- **Color Temperature (CCT)**: RGB+W (2700K)
- **Lumen Output**: 260 (Total On)

### Physical
- **LED Package**: 3535
- **Cut Increments**: 2.46" (non-field cuttable - Factory prep only)
- **LEDx/ft (RGB)**: 29
- **LEDs/ft (White 2700K)**: 29
- **Pixel Spacing/in**: 0.4
- **Operating Temperature**: -13°F (-25°C) ~ 104°F (40°C)
- **Max Run Length**: 18’
- **Copper Trace**: 3oz.
- **Adhesive**: 3M VHB Tape
- **Dimension**: 19/32” (15mm)

### Performance
- **Lumen Maintenance (L70) Hours**: 60,000
- **Binning Tolerance**: 2 Step MacAdam Ellipse
- **Warranty**: 3 Years

### Certification and Testing
- **Certification**: cULus
- **Environment**: Wet Location
- **IP Rating**: IP67

## Power Leads and Jumpers

### Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TPLC-RGBW-O-LEAD-C</strong></td>
<td>LEAD END 24” standard 5 conductor 22AWG lead wire factory attached to one end of tape</td>
</tr>
<tr>
<td><strong>TPLC-RGBW-O-LEAD-D</strong></td>
<td>LEAD/LEAD 24” standard 5 conductor 22AWG lead wire factory attached to both ends of tape</td>
</tr>
<tr>
<td><strong>TPLC-RGBW-O-XEP</strong></td>
<td>EXTRA LEAD WIRE Additional factory attached 22AWG lead wire to extend lengths of LEAD-C and LEAD-D up to 20 ft max. Sold per foot (not shipped as spooled wire)</td>
</tr>
</tbody>
</table>

**TPL-O-CONN**
- **18-22 AWG BUTT CONNECTORS**
  - Used to interconnect factory attached lead wires. Sold individually. (5 ea required per connection).
Mounting Channel

**ALTON**

- ALTN-CHAN-SLV-6.5
  - Anodized Aluminum Extrusion, available in 6.5’ lengths

- ALTN-LNS-OPL-6.5
  - Lens, opal, length 6.5’

- ALTN-LNS-CRL-6.5
  - Lens, clear, length 6.5’

- ALTN-LNS-DIF-6.5
  - Lens, diffuser, length 6.5’

- ALTN-EC-01
  - Solid End Cap

- ALTN-EC-02
  - Powerfeed End Cap

---

**DOME**

- DOME-CHAN-SLV-6.5
  - Anodized Aluminum Extrusion, available in 6.5’ lengths

- DOME-LNS-OP-6.5
  - Lens, opal, length 6.5’

- DOME-LNS-CLR-6.5
  - Lens, clear, length 6.5’

- DOME-LNS-DIF-6.5
  - Lens, diffuser, length 6.5’

- DOME-EC-01
  - Solid End Cap

- DOME-EC-02
  - Powerfeed End Cap

---

**EDGE**

- EDGE-CHAN-SLV-6.5
  - Anodized Aluminum Extrusion, available in 6.5’ lengths

- EDGE-LNS-OP-6.5
  - Lens, opal, length 6.5’

- EDGE-EC-01
  - Solid End Cap

- EDGE-EC-02
  - Powerfeed End Cap

---

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**MOFETT**

- MOFT-CHAN-SLV-6.5: Anodized Aluminum Extrusion, available in 6.5’ lengths
- MOFT-LNS-OPL-6.5: Lens, opal, length 6.5’
- MOFT-LNS-CLR-6.5: Lens, clear, length 6.5’
- MOFT-LNS-DIF-6.5: Lens, diffuser, length 6.5’
- MOFT-EC-01: Solid End Cap
- MOFT-EC-02: Powerfeed End Cap
- MOFT-CLP-SLV: Clip, Metal

**NOYES**

- NOYS-CHAN-SLV-6.5: Anodized Aluminum Extrusion, available in 6.5’ lengths
- NOYS-LNS-OPL-6.5: Lens, opal, length 6.5’
- NOYS-LNS-CLR-6.5: Lens, clear, length 6.5’
- NOYS-LNS-DIF-6.5: Lens, diffuser, length 6.5’
- NOYS-EC-01: Solid End Cap
- NOYS-EC-02: Powerfeed End Cap
- NOYS-SPRING-CLP: Clip, Spring, Metal

**WARNER**

- WRNR-CHAN-SLV-6.5: Anodized Aluminum Extrusion, available in 6.5’ lengths
- WRNR-LNS-OP-6.5: Lens, opal, length 6.5’
- WRNR-EC-01: Solid End Cap
- WRNR-EC-02: Powerfeed End Cap
- WRNR-MTBK: Mounting Clip

Tivoli, LLC. reserves the right to modify this specification without prior notice.
Controls & Software

CONTROLS

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TVOQ-10-XX-7</td>
<td>XX = BK (black), WH (white)</td>
</tr>
<tr>
<td></td>
<td>1024 DMX channel, 500 scene,</td>
</tr>
<tr>
<td></td>
<td>10 zone, glass touch screen</td>
</tr>
<tr>
<td>TVOQ-2-XX</td>
<td>XX = BK (black), WH (white)</td>
</tr>
<tr>
<td></td>
<td>512 DMX channel, 99 scene,</td>
</tr>
<tr>
<td></td>
<td>1 zone, glass touch screen</td>
</tr>
<tr>
<td>TVOQ-1-WHT</td>
<td>512 DMX channel, 16 scene,</td>
</tr>
<tr>
<td></td>
<td>4 zone, glass touch screen</td>
</tr>
</tbody>
</table>

SOFTWARE

Cue™ and CuePro™ softwares are specifically designed for the TivoCUE™ in-wall DMX controls and includes an array of tools required by the latest DMX lighting fixtures. Intuitive, with easy-to-use effects that can be dropped into timelines, and multi-zone synchronization capabilities allow you to program a project effortlessly.

Accessories

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMX-SPLT-8</td>
<td>DMX Splitter</td>
</tr>
<tr>
<td></td>
<td>8 ports of DMX 512, RJ45 and 3-pin</td>
</tr>
<tr>
<td></td>
<td>Hardwire Connection</td>
</tr>
</tbody>
</table>

Note: If the number of DMX sub-controllers exceed 32 units, a DMX Splitter is required.
## Power Supplies

### ADNM - DMX SINGLE ADDRESS

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>CAT NO</th>
<th>APPLICATION</th>
<th>PRIMARY VOLTAGE</th>
<th>SECONDARY VOLTAGE</th>
<th>CIRCUIT BREAKERS</th>
<th>MAX LOAD</th>
<th>CIRCUIT CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADNM Series</td>
<td>ADNM-90-1-4-24-DIN</td>
<td>Indoor / Outdoor</td>
<td>100-277V AC 50/60 Hz</td>
<td>24V DC</td>
<td>1</td>
<td>90W</td>
<td>3.75A</td>
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<td>ADNM-120-1-4-24-DIN</td>
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<td></td>
<td></td>
<td>1</td>
<td>96W</td>
<td>4A</td>
</tr>
<tr>
<td></td>
<td>ADNM-240-2-4-24-DIN</td>
<td></td>
<td></td>
<td></td>
<td>2</td>
<td>2x96W</td>
<td>2x4A</td>
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<tr>
<td></td>
<td>ADNM-320-3-4-24-DIN</td>
<td></td>
<td></td>
<td></td>
<td>3</td>
<td>3x96W</td>
<td>3x4A</td>
</tr>
</tbody>
</table>

### ADNM - DMX MULTI ADDRESS

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>CAT NO</th>
<th>APPLICATION</th>
<th>PRIMARY VOLTAGE</th>
<th>SECONDARY VOLTAGE</th>
<th>CIRCUIT BREAKERS</th>
<th>MAX LOAD</th>
<th>CIRCUIT CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADNM Series</td>
<td>ADNM-240-2-4-24-DIN-2</td>
<td>Indoor / Outdoor</td>
<td>100-277V AC 50/60 Hz</td>
<td>24V DC</td>
<td>2</td>
<td>2x96W</td>
<td>2x4A</td>
</tr>
<tr>
<td></td>
<td>ADNM-320-3-4-24-DIN-3</td>
<td></td>
<td></td>
<td></td>
<td>3</td>
<td>3x96W</td>
<td>3x4A</td>
</tr>
</tbody>
</table>

### ADNM - DMX/DALI FLICKER-FREE FOR TV STUDIO RGB/RGBW

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>CAT NO</th>
<th>APPLICATION</th>
<th>PRIMARY VOLTAGE</th>
<th>SECONDARY VOLTAGE</th>
<th>CIRCUIT BREAKERS</th>
<th>MAX LOAD</th>
<th>CIRCUIT CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADNM Series</td>
<td>ADNM-120-1-4-24-DTVC</td>
<td>Indoor / Outdoor</td>
<td>100-277V AC 50/60 Hz</td>
<td>24V DC</td>
<td>1</td>
<td>1x96W</td>
<td>1x4A</td>
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<tr>
<td></td>
<td>ADNM-240-2-4-24-DTVC</td>
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<td></td>
<td></td>
<td>2</td>
<td>2x96W</td>
<td>2x4A</td>
</tr>
<tr>
<td></td>
<td>ADNM-320-3-4-24-DTVC</td>
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<td></td>
<td></td>
<td>3</td>
<td>3x96W</td>
<td>3x4A</td>
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</table>

### DMX Sub-Controller

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>CAT NO</th>
<th>MODES</th>
<th>WATTAGE</th>
<th>PRIMARY VOLTAGE</th>
<th>DIMENSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMX Sub-controller</td>
<td>TPL-RGBW-180-24</td>
<td>Sub-controller only</td>
<td>5x96W</td>
<td>24V DC</td>
<td>2.87” W X 6.46” L X 1.45” H</td>
</tr>
</tbody>
</table>