RGB+W TivoTape™ Indoor (factory installed power lead wires)

Product Features

- eXo shield covered for added protection against simple wipe-downs with no yellowing over time
- Tight on-center LED spacing with dedicated 2700K chip for precise color
- 12mm wide with 3oz copper trace for standard heat dissipation
- Provided with factory applied 3M VHB adhesive tape on the back for quick application
- Factory-installed lead wires
- Dimmable with DMX protocol (see power supply pages for options)
- DMX Controllable and compatible with Tivoli’s own CUEpro software (sold separately)
- Low Voltage (24V DC)
- IP 54 rated
- 5 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>I</td>
<td>24</td>
<td>24 VDC</td>
</tr>
<tr>
<td>TPLC = TivoTape Color Changing</td>
<td>RGBW = Red, Green, Blue, White (2700K)</td>
<td>I = Indoor</td>
<td>MR = Max Run (leave blank for factory cut)</td>
<td>24 = 24V DC</td>
</tr>
</tbody>
</table>
# 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**: 285 (Total On)

## Physical
- **LED Package**: 3535
- **Cut Increments**: 2.46”
- **LEDs/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**: 15/32” (12mm)

## Performance
- **Lumen Maintenance (L70) Hours**: 60,000
- **Binning Tolerance**: 2 Step MacAdam Ellipse
- **Warranty**: 5 Years

## Certification and Testing
- **Certification**: cULus
- **Environment**: Dry Location
- **IP Rating**: IP54

## Power Leads and Jumpers (factory installed)

**TPLC-RGBW-I-LEAD-C**  
**LEAD END**  
24” standard 5 conductor 22AWG lead wire factory attached to one end of tape

**TPLC-RGBW-I-LEAD-D**  
**LEAD/LEAD**  
24” standard 5 conductor 22AWG lead wire factory attached to both ends of tape

**TPLC-RGBW-I-XEP**  
**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)

## Power Leads and Jumpers Accessories

**TPL-I-CONN**  
18-22 AWG BUTT CONNECTORS  
Used to interconnect factory attached lead wires. Sold individually. (5 ea required per connection).
RGB+W | TivoTape™ Indoor (factory installed power lead wires)

**Mounting Channel**

**DYER**

- **DYER-CHAN-SLV-6.5**
  Anodized Aluminum Extrusion, available in 6.5’ lengths
- **DYER-LNS-OP-6.5**
  Lens, opal, length 6.5’
- **DYER-EC-01**
  Solid End Cap
- **DYER-EC-02**
  Power feed End Cap
- **DYER-MTBK**
  Mounting Clip

**VALENCE**

- **VALN-CHAN-SLV-6.5**
  Anodized Aluminum Extrusion, available in 6.5’ lengths
- **VALN-LNS-OP-6.5**
  Lens, opal, length 6.5’
- **VALN-EC-01**
  Solid End Cap
- **VALN-EC-02**
  Power feed End Cap
- **VALN-MTBK**
  Mounting Clip

**HORIZON**

- **HRIZ-CHAN-SLV-6.5**
  Anodized Aluminum Extrusion, available in 6.5’ lengths
- **HRIZ-LNS-OP-6.5**
  Lens, opal, length 6.5’
- **HRIZ-EC-01**
  Solid End Cap
- **HRIZ-EC-02**
  Power feed End Cap

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MINI

MINI-CHAN-SLV-6.5
Anodized Aluminum Extrusion, available in 6.5’

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

MINI-EC-01
Solid End Cap

MINI-EC-02
Power feed End Cap

MINI-MTBK
Mounting Clip

MINI-ADJ-MTBK
Adjustable Mounting Clip

WARNER

WRNR-CHAN-SLV-6.5
Anodized Aluminum Extrusion, available in 6.5’

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

WRNR-EC-01
Solid End Cap

WRNR-EC-02
Power feed End Cap

WRNR-MTBK
Mounting Clip

DOME

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

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

DOME-EC-01
Solid End Cap

DOME-EC-02
Power feed End Cap
RGB+W TivoTape™ Indoor (factory installed power lead wires)

ALTON

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

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

ALTN-LNS-CLR-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

NOYES

NOYS-CHAN-SLV-6.5
Anodized Aluminum Extrusion, available in 6.5’

MRSL-CHAN-SLV-6.5
Anodized Aluminum Extrusion, available in 6.5’

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

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

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

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

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

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

NOYS-EC-01
Solid End Cap

MRSL-EC-01
Solid End Cap

NOYS-EC-02
Powerfeed End Cap

MRSL-EC-02
Powerfeed End Cap

NOYS-SPRING-CLP
Clip, Spring, Metal

MRSL-SPRING-CLP
Clip, Spring, Metal

MARSALA

MRSL-CHAN-SLV-6.5
Anodized Aluminum Extrusion, available in 6.5’

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

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

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

MRSL-EC-01
Solid End Cap

MRSL-EC-02
Powerfeed End Cap

MRSL-CLP-MTL
Clip, Metal

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M CHAN

MCHAN-8-LP
Low profile mounting channel, NO LENS OPTION clear polycarbonate, length 8'

TPL-I-45-MCH-8-S
45° Mounting channel, NO LENS OPTION white PVC, length 8'

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
**Controls & Software**

**CONTROLS**

- **TVOQ-1-WH**
  - WH (White only)
  - 512 DMX channel, 16 scene, 4 zone, glass touch screen

- **TVOQ-10-XX-7**
  - XX = BK (Black), WH (White)
  - 1024 DMX channel, 500 scene, 10 zone, glass touch screen

- **TVOQ-2-XX**
  - XX = BK (Black), WH (White)
  - 512 DMX channel, 99 scene, 1 zone, glass touch screen

**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**

- **DMX-SPLT-8**
  - DMX Splitter
  - 8 ports of DMX 512, RJ45 and 3-pin
  - Hardwire Connection

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

### ADUL - 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>
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<tbody>
<tr>
<td>ADUL Series Class 2 Transformer</td>
<td>ADUL-120-1-4-24-DIN</td>
<td>Indoor / Damp</td>
<td>100-277V AC 5-60 Hz</td>
<td>24V DC</td>
<td>1</td>
<td>96W</td>
<td>4A</td>
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<tr>
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<td>ADUL-240-2-4-24-DIN</td>
<td>Indoor / Damp</td>
<td>100-277V AC 5-60 Hz</td>
<td>24V DC</td>
<td>2</td>
<td>2x96W</td>
<td>2x4A</td>
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<td>ADUL-320-3-4-24-DIN</td>
<td>Indoor / Damp</td>
<td>100-277V AC 5-60 Hz</td>
<td>24V DC</td>
<td>3</td>
<td>3x96W</td>
<td>3x4A</td>
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### ADUL - DMX MULTI ADDRESS

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<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>
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</thead>
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<td>ADUL-240-2-4-24-DIN-2</td>
<td>Indoor / Damp</td>
<td>100-277V AC 5-60 Hz</td>
<td>24V DC</td>
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<td>2x4A</td>
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<td>ADUL-320-3-4-24-DIN-3</td>
<td>Indoor / Damp</td>
<td>100-277V AC 5-60 Hz</td>
<td>24V DC</td>
<td>3</td>
<td>3x96W</td>
<td>3x4A</td>
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### 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>
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<tbody>
<tr>
<td>ADNM Series Class 2 Transformer</td>
<td>ADNM-120-1-4-24-DTVC</td>
<td>Indoor / Outdoor</td>
<td>100-277V AC 5-60 Hz</td>
<td>24V DC</td>
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<td>1x4A</td>
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<td>ADNM-240-2-4-24-DTVC</td>
<td>Indoor / Outdoor</td>
<td>100-277V AC 5-60 Hz</td>
<td>24V DC</td>
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<td>2x96W</td>
<td>2x4A</td>
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<td>ADNM-320-3-4-24-DTVC</td>
<td>Indoor / Outdoor</td>
<td>100-277V AC 5-60 Hz</td>
<td>24V DC</td>
<td>3</td>
<td>3x96W</td>
<td>3x4A</td>
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### DMX Sub-Controller

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<tr>
<th>DESCRIPTION</th>
<th>CAT NO</th>
<th>MODES</th>
<th>WATTAGE</th>
<th>PRIMARY VOLTAGE</th>
<th>DIMENSION</th>
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<tr>
<td>DMX Sub-controller</td>
<td>TPLRGBW-180-24</td>
<td>Sub-controller only</td>
<td>5x96W</td>
<td>24V DC</td>
<td>2.87&quot; W X 6.46&quot; L X 1.45&quot; H</td>
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