



Project: \_\_\_\_\_ TYPE: \_\_\_\_\_

- Low bin tolerance with a 2 Step McAdam Elipse standard
- Outdoor location suited with Tivoli's eXo Shield coating
- High CRI value
- Factory soldered lead wire required
- IP54 damp location available
- Multiple mounting channel options
- Large range of available Kelvin temperatures
- Low lead times
- 3 Year warranty

## Dimensions



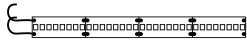
## Order Guide

| PRODUCT CODE                  | INTENSITY                       | INSTALL            | LED COLOR  | VOLTAGE     |
|-------------------------------|---------------------------------|--------------------|--|-------------|
| <b>TPLD</b>                   | <b>SB</b>                       | <b>O</b>           |  | <b>24</b>   |
| <b>TPLD</b> = Tivotape DEFINE | <b>SB</b> = Standard Brightness | <b>O</b> = Outdoor | <b>22</b> = 2200°K<br><b>24</b> = 2400°K<br><b>27</b> = 2700°K<br><b>30</b> = 3000°K<br><b>35</b> = 3500°K<br><b>40</b> = 4000°K<br><b>50</b> = 5000°K | 24 = 24V DC |

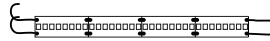
## Specification

| Output (based on 3000K)       |   |       |       |       |       |       |       |
|-------------------------------|---|-------|-------|-------|-------|-------|-------|
| Kelvin Temperature            | 2200K   | 2400K | 2700K | 3000K | 3500K | 4000K | 5000K |
| Lumens/ft                     | 164   | 168   | 205   | 210   | 214   | 216   | 220   |
| Efficacy (Lm/W)               | 65  | 69    | 72    | 73    | 75    | 78    | 79    |
| Color Rendering Index (CRI)   | 90+   |       |       |       |       |       |       |
| Electrical                    |   |       |       |       |       |       |       |
| Input Voltage                 | 24V DC  |       |       |       |       |       |       |
| Power Supply                  | Class 2   |       |       |       |       |       |       |
| Power Consumption W/ft        | 3 W/ft.   |       |       |       |       |       |       |
| Maximum Run Length            | 32'   |       |       |       |       |       |       |
| Wire Size (End Prep)          | 18 AWG, 2 wire                                  |       |       |       |       |       |       |
| Dimming                       | 0.4375" (11.11mm) Jacket                        |       |       |       |       |       |       |
| Physical                      |   |       |       |       |       |       |       |
| LED Package                   | 3528  |       |       |       |       |       |       |
| LEDs/ft                       | 36  |       |       |       |       |       |       |
| Adhesive                      | 3M VHB Tape                                     |       |       |       |       |       |       |
| Copper Trace                  | 3 Ounce   |       |       |       |       |       |       |
| Dimensions                    | MLV/ELV/0-10V (Consult factory for DMX dimming) |       |       |       |       |       |       |
| Cut Increments                | 2" (non-field cuttable - Factory prep only)     |       |       |       |       |       |       |
| Operating Temperature         | -40°F (-40°C) ~ 140°F (60°C)                    |       |       |       |       |       |       |
| Certification and Testing     |   |       |       |       |       |       |       |
| Certification                 | cULus Listed                                    |       |       |       |       |       |       |
| Lumen Maintenance (L70) Hours | 60,000  |       |       |       |       |       |       |
| Binning Tolerance             | 2 Step MacAdam Elipse                           |       |       |       |       |       |       |
| Environment                   | IP67 Wet Location, Conformally Coated           |       |       |       |       |       |       |
| Warranty                      | 3 Years   |       |       |       |       |       |       |

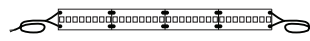
Power Leads and Jumpers (Installed by Tivoli's certified solderers)



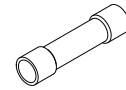
**TPL-O-LEAD-2-C**  
LEAD/END  
24" standard 2 conductor  
18AWG lead wire factory  
attached to one end of tape



**TPL-O-LEAD-2-D**  
LEAD/LEAD  
24" standard 2 conductor  
18AWG lead wire factory  
attached to both ends of tape



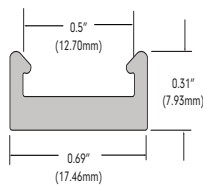
**TPL-O-XEP-2**  
EXTRA LEAD WIRE  
Additional factory attached  
18AWG lead 2 wire to extend  
lengths of LEAD-C and LEAD-D  
up to 20 ft. max  
Sold per foot



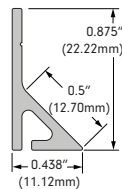
**TPL-O-CONN**  
18-22AWG BUTT CONNECTORS  
Used to interconnect factory  
attached lead wires.  
Sold individually.

Compatible Extrusions

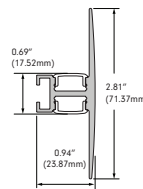
■ Fits 12mm Snap Connector



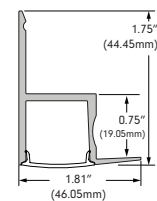
**MCHAN-8-LP**  
Low profile NO LENS OPTION  
clear polycarbonate, length 8'



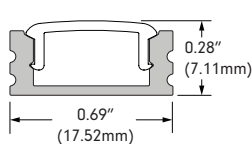
**TPL-I-45-MCH-8-S**  
White PVC, 45° NO LENS  
length 8'



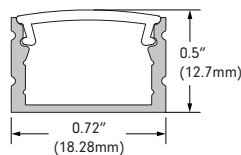
**DWAR-CHAN-SLV-6.5**  
Anodized Aluminum Extrusion,  
available in 6.5' lengths



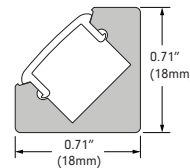
**EDGE-CHAN-SLV-6.5**  
Anodized Aluminum Extrusion,  
available in 6.5' lengths



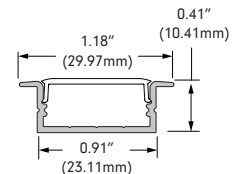
**MINI-CHAN-SLV-6.5**  
Anodized Aluminum Extrusion,  
available in 6.5' lengths



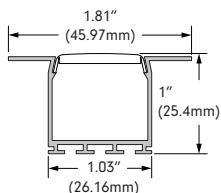
**MOFT-CHAN-SLV-6.5**  
Anodized Aluminum Extrusion,  
available in 6.5' lengths



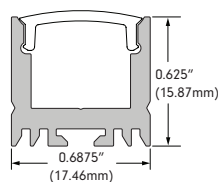
**DYER-CHAN-SLV-6.5**  
Anodized Aluminum Extrusion,  
available in 6.5' lengths



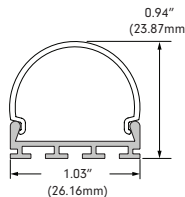
**WRNR-CHAN-SLV-6.5**  
Anodized Aluminum Extrusion,  
available in 6.5' lengths



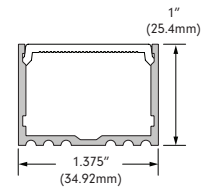
**NOYS-CHAN-SLV-6.5**  
Anodized Aluminum Extrusion,  
available in 6.5' lengths



**VALN-CHAN-SLV-6.5**  
Anodized Aluminum Extrusion,  
available in 6.5' lengths

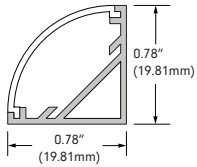


**DOME-CHAN-SLV-6.5**  
Anodized Aluminum Extrusion,  
available in 6.5' lengths

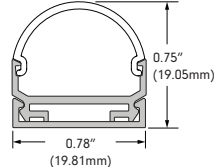


**ALTN-CHAN-SLV-6.5**  
Anodized Aluminum Extrusion,  
available in 6.5' lengths

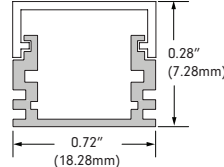
## Compatible Extrusions



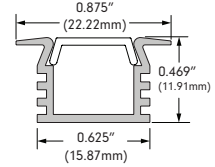
**MRSI-CHAN-SLV-6.5**  
Anodized aluminum extrusion  
available in 6.5' length



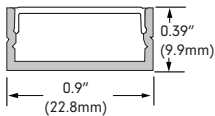
**HRIZ-CHAN-SLV-6.5**  
Anodized aluminum extrusion  
available in 6.5' length



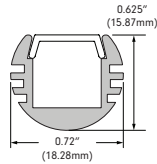
**ASTR-CHAN-SLV-6.5**  
Anodized aluminum extrusion  
available in 6.5' length



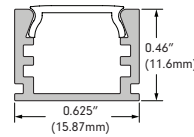
**EDIN-CHAN-SLV-6.5**  
Anodized Aluminum Extrusion,  
available in 6.5' lengths



**COTA-CHAN-SLV-6.5**  
Anodized Aluminum Extrusion,  
available in 6.5' lengths



**NOVA-CHAN-SLV-6.5**  
Anodized Aluminum  
Extrusion,  
available in 6.5' lengths



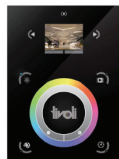
**MOSR-CHAN-SLV-6.5**  
Anodized Aluminum  
Extrusion,  
available in 6.5' lengths

## In-Wall Controls



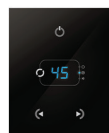
Touchscreen

**TVOQ-1-WH**  
White



Touchscreen

**TVOQ-10-XX-7**  
**XX = BK (Black), WH (White)**



Touchscreen

**TVOQ-2-BK**  
Black

## Recommended Power Supplies

### ADNM - NON DIMMING

| DESCRIPTION                        | CAT NO            | APPLICATION         | PRIMARY VOLTAGE         | SECONDARY VOLTAGE | CIRCUIT BREAKERS | MAX LOAD | CIRCUIT CAPACITY |
|------------------------------------|-------------------|---------------------|-------------------------|-------------------|------------------|----------|------------------|
| ADNM Series<br>Class 2 Transformer | ADNM-90-1-4-24-D  | Indoor /<br>Outdoor | 100-277V AC<br>50/60 HZ | 24V DC            | 1                | 90W      | 3.75A            |
|                                    | ADNM-120-1-4-24-D |                     |                         |                   | 1                | 96W      | 4A               |
|                                    | ADNM-240-2-4-24-D |                     |                         |                   | 2                | 2x96W    | 2x4A             |
|                                    | ADNM-320-3-4-24-D |                     |                         |                   | 3                | 3x96W    | 3x4A             |

### ADNM - 0-10V DIMMING

| DESCRIPTION                        | CAT NO              | APPLICATION         | PRIMARY VOLTAGE         | SECONDARY VOLTAGE | CIRCUIT BREAKERS | MAX LOAD | CIRCUIT CAPACITY |
|------------------------------------|---------------------|---------------------|-------------------------|-------------------|------------------|----------|------------------|
| ADNM Series<br>Class 2 Transformer | ADNM-90-1-4-24-DOT  | Indoor /<br>Outdoor | 100-277V AC<br>50/60 HZ | 24V DC            | 1                | 90W      | 3.75A            |
|                                    | ADNM-120-1-4-24-DOT |                     |                         |                   | 1                | 96W      | 4A               |
|                                    | ADNM-240-2-4-24-DOT |                     |                         |                   | 2                | 2x96W    | 2x4A             |
|                                    | ADNM-320-3-4-24-DOT |                     |                         |                   | 3                | 3x96W    | 3x4A             |

### ADNM - DMX SINGLE ADDRESS

| DESCRIPTION                        | CAT NO              | APPLICATION         | PRIMARY VOLTAGE         | SECONDARY VOLTAGE | CIRCUIT BREAKERS | MAX LOAD | CIRCUIT CAPACITY |
|------------------------------------|---------------------|---------------------|-------------------------|-------------------|------------------|----------|------------------|
| ADNM Series<br>Class 2 Transformer | ADNM-90-1-4-24-DIN  | Indoor /<br>Outdoor | 100-277V AC<br>50/60 HZ | 24V DC            | 1                | 90W      | 3.75A            |
|                                    | ADNM-120-1-4-24-DIN |                     |                         |                   | 1                | 96W      | 4A               |
|                                    | ADNM-240-2-4-24-DIN |                     |                         |                   | 2                | 2x96W    | 2x4A             |
|                                    | ADNM-320-3-4-24-DIN |                     |                         |                   | 3                | 3x96W    | 3x4A             |

### ADNM - DMX MULTI ADDRESS

| DESCRIPTION                        | CAT NO                | APPLICATION         | PRIMARY VOLTAGE         | SECONDARY VOLTAGE | CIRCUIT BREAKERS | MAX LOAD | CIRCUIT CAPACITY |
|------------------------------------|-----------------------|---------------------|-------------------------|-------------------|------------------|----------|------------------|
| ADNM Series<br>Class 2 Transformer | ADNM-240-2-4-24-DIN-2 | Indoor /<br>Outdoor | 100-277V AC<br>50/60 HZ | 24V DC            | 2                | 2x96W    | 2x4A             |
|                                    | ADNM-320-3-4-24-DIN-3 |                     |                         |                   | 3                | 3x96W    | 3x4A             |

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

| DESCRIPTION                        | CAT NO              | APPLICATION         | PRIMARY VOLTAGE         | SECONDARY VOLTAGE | CIRCUIT BREAKERS | MAX LOAD | CIRCUIT CAPACITY |
|------------------------------------|---------------------|---------------------|-------------------------|-------------------|------------------|----------|------------------|
| ADNM Series<br>Class 2 Transformer | ADNM-120-1-4-24-DTV | Indoor /<br>Outdoor | 100-277V AC<br>50/60 HZ | 24V DC            | 1                | 1x96W    | 1x4A             |
|                                    | ADNM-240-2-4-24-DTV |                     |                         |                   | 2                | 2x96W    | 2x4A             |
|                                    | ADNM-320-3-4-24-DTV |                     |                         |                   | 3                | 3x96W    | 3x4A             |

## Recommended Power Supplies

### INFINITY - MLV / ELV / 0-10V / PWM / TRIAC

| DESCRIPTION                            | CAT NO            | APPLICATION         | PRIMARY VOLTAGE | SECONDARY VOLTAGE | CIRCUIT BREAKERS | MAX LOAD | MIN LOAD | CIRCUIT CAPACITY |
|--|-------------------|---------------------|-----------------|-------------------|------------------|----------|----------|------------------|
| Infinity Series<br>Class 2 Transformer | INF-J-30-1-1.3-24 | Indoor /<br>Outdoor | 100 - 277V AC   | 24V DC            | 1                | 30W      | 3W       | 1.3A             |
|  | INF-J-60-1-2.5-24 |                     |                 |                   | 1                | 60W      | 6W       | 2.5A             |
|  | INF-J-96-1-4-24   |                     |                 |                   | 1                | 96W      | 9W       | 4A               |
|  | INF-J-192-2-4-24  |                     |                 |                   | 2                | 2x96W    | 2x9W     | 2x4A             |
|  | INF-J-288-3-4-24  |                     |                 |                   | 3                | 3x96W    | 3X9W     | 3x4A             |

## Recommended Dimmers

### DIMMING - 0-10V

| DESCRIPTION  | CAT NO     | APPLICATION | INPUT VOLTAGE | OUTPUT VOLTAGE | MAX LOAD                         | PRICE        |
|--------------|------------|-------------|---------------|----------------|----------------------------------|--------------|
| 0-10V Dimmer | DIM-LD-010 | Indoor      | 12V/24V DC    | 12V/24V DC     | 30 mA max. output<br>(sink only) | \$ 120.00/ea |

### DIMMING -MLV

| DESCRIPTION | CAT NO | APPLICATION | INPUT VOLTAGE | OUTPUT VOLTAGE | MAX LOAD |
|-------------|--------|-------------|---------------|----------------|----------|
| MLV Dimmer  | N-600  | Indoor      | 120V AC       | 120V AC        | 450W     |
|             | N-1000 |             |               |                | 800W     |
|             | N-1500 |             |               |                | 1200W    |
|             | D-600  |             |               |                | 450W     |
|             | M-600  |             |               |                | 450W     |
|             | M-1000 |             |               |                | 800W     |

### DIMMING - ELV

| DESCRIPTION | CAT NO | APPLICATION | INPUT VOLTAGE | OUTPUT VOLTAGE | MAX LOAD |
|-------------|--------|-------------|---------------|----------------|----------|
| ELV Dimmer  | ME-600 | Indoor      | 120V AC       | 120V AC        | 450W     |
|             | DE-300 |             |               |                | 300W     |