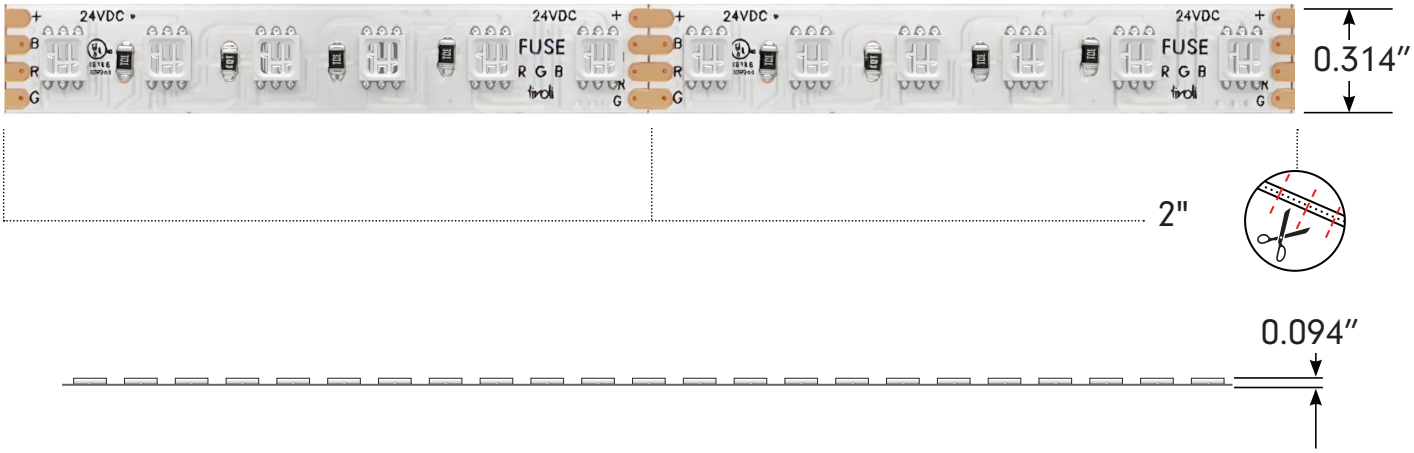
Project: _____ Length: _____

- 3 Channel system
- Protected by Tivoli's exclusive eXo Shield for ultimate dust and moisture protection
- 3-in-1 RGB chip
- Multiple mounting options with Tivoli's Urban channel series.
- Tight SMD LED spacing (8mm overall width) provides smooth visual delivery
- Provided with factory applied 3M VHB adhesive tape on the back for quick application
- Dimmable with DMX protocol (see power supply page for options)
- DMX Controllable and compatible with Tivoli's own CUEpro software (sold separately)
- Low Voltage (24V DC)
- IP54 rated
- 5 year warranty

## Dimensions

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## Order Guide

| PRODUCT CODE | | INSTALL | | LED TYPE | | *MAX RUN | | VOLTAGE |
|---|---|---|---|---|---|---|---|---|
| **TPLFS** | - | **I** | - | **RGB** | - | | - | **24** |
| **TPLFS** = Fuse Tape | | **I** = Indoor | | **RGB** = RGB mixing | | **MR** = Max Run | | **24** = 24V DC |

* Optional - Leave blank if not needed
Note: A layout/drawing must accompany each order showing run length and location
Note: Runs with LEAD-C are rounded **up** to next cut interval (unless otherwise specified)
Note: Runs with LEAD-D are rounded **down** to next cur interval (unless otherwise specified)

## Specification

| Output | | | | |
|---|---|---|---|---|
| Kelvin Temperature | Red | Green | Blue | RGB |
| Lumens/ft | 54.9 | 166 | 44.4 | 254 |
| Efficacy (Lm/W) | 38 | 87 | 26 | 48 |
| CRI | n/a | n/a | n/a | 58 |
| Wavelength | 629 | 523 | 470 | n/a |
| Measured Power W/ft | 1.4 | 1.9 | 1.7 | 5.3 |
| Listed Power W/ft. | 4.4 | | | |
| Max Run | 21' | | | |

n/a = Not Applicable

| Electrical | |
|---|---|
| Input Voltage | 24V DC |
| Power Supply | Class 2 |
| Wire Size (End Prep) | 20 AWG, 4 wire |
| Control | DMX |
| **Physical** | |
| LED Package | 3535 |
| LEDs/ft | 36 |
| Adhesive | 3M VHB Tape |
| Copper Trace | 3 Ounces |
| Dimensions | 0.314" (8mm) |
| Cut Increments | 2" |
| Operating Temperature | -40°F (-40°C) to 140°F (60°C) |
| **Certification and Testing** | |
| Certification | UL Listed |
| Lumen Maintenance (L70) Hours | 60,000 |
| Binning Tolerance | 2 Step MacAdams Eclipse |
| Environment | IP54, Damp Location, Conformal Coated |
| Warranty | 5 years |

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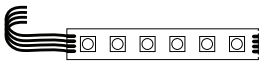
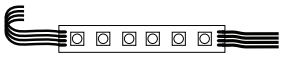
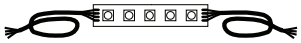
## Power Leads and Jumpers (Installed by Tivoli's certified solderers)



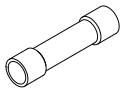
**TPL-I-LEAD-4-C**
LEAD/END
24" standard 4 conductor 22AWG lead wire factory attached to one end of tape



**TPL-I-LEAD-4-D**
LEAD/LEAD
24" standard 4 conductor 22AWG lead wire factory attached to both ends of tape



**TPL-I-XEP-4**
EXTRA LEAD WIRE
Additional factory attached 22AWG lead 4 wire to extend lengths of LEAD-C and LEAD-D up to 20 ft. max
Sold per foot

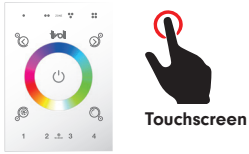


**TPL-I-CONN**
18-22AWG BUTT CONNECTORS
Used to interconnect factory attached lead wires.
Sold individually.

## In-Wall Controls

**TVOQ-2-BK**
Black

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




**TVOQ-1-WH**
White

**LTEC-UB5**
5-channel DMX compatible (RGBWY) Touch enabled Multi-scene and zone with App and Bluetooth connectivity

## Controls

**MDRX-AURA-XX**
**X** = **02, 12, 32** (ports)
MADRIX Aura is a stand-alone controller for up to 2, 12, or 32 universes per unit

**SP630E-S**
All-In-One SPI/PWM Controller
Note: Control with available BT app or optional SP630E-R remote

## Newtwork Accessories

**DMX-SPLT-X**
**X= 2, 4, 8** (Output Channels)
DMX Splitter
1 Input to 8 Output
Ethernet or Hardwire Connection

**ARTNET-L-X-512**
**X** = **8** (8 Ports), **16** (Ports)
8 or 16 port universe Artnet to DMX interface, 16 port 8192

**NTG-SWI-XXPT**
**XX** = **8** (8 Ports), **16** (16 Ports)
NETGEAR 16-Port gigabit Unmanaged Switch

**MDRX-LUNA-XX**
**X** = **04, 08, 16** (ports)
MADRIX Luna 4, 8, 16 port universe Artnet to DMX interface 16 port 8192, 8 port 4096, 4 port 2048 DMX channels

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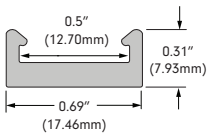
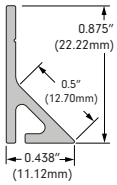
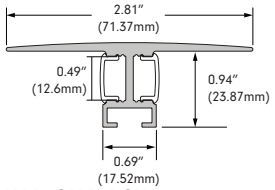
## Compatible Extrusions



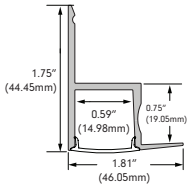

**MCHAN-8-LP**
Low profile NO LENS OPTION clear polycarbonate, length 8′



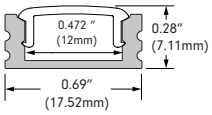

**TPL-I-45-MCH-8-S**
White PVC, 45° NO LENS length 8′



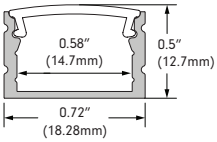

**DWAR-CHAN-SLV-6.5**
Anodized Aluminum Extrusion, available in 6.5′ lengths



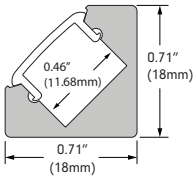

**EDGE-CHAN-SLV-6.5**
Anodized Aluminum Extrusion, available in 6.5′ lengths



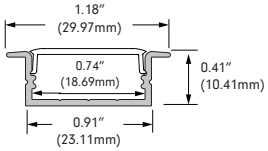

**MINI-CHAN-SLV-6.5**
Anodized Aluminum Extrusion, available in 6.5′ lengths



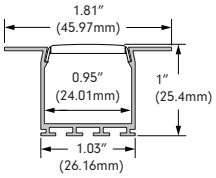

**MOFT-CHAN-SLV-6.5**
Anodized Aluminum Extrusion, available in 6.5′ lengths



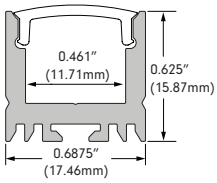

**DYER-CHAN-SLV-6.5**
Anodized Aluminum Extrusion, available in 6.5′ lengths



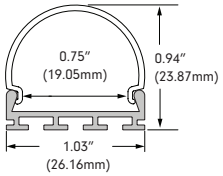

**WRNR-CHAN-SLV-6.5**
Anodized Aluminum Extrusion, available in 6.5′ lengths



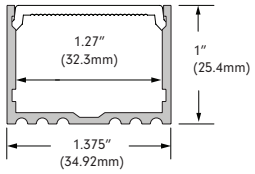

**NOYS-CHAN-SLV-6.5**
Anodized Aluminum Extrusion, available in 6.5′ lengths



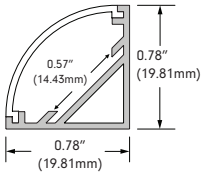

**VALN-CHAN-SLV-6.5**
Anodized Aluminum Extrusion, available in 6.5′ lengths



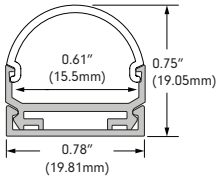

**DOME-CHAN-SLV-6.5**
Anodized Aluminum Extrusion, available in 6.5′ lengths



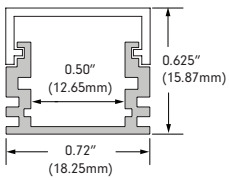

**ALTN-CHAN-SLV-6.5**
Anodized Aluminum Extrusion, available in 6.5′ lengths



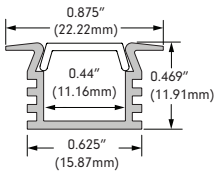

**MRSL-CHAN-SLV-6.5**
Anodized aluminum extrusion available in 6.5′ length




**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

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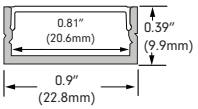
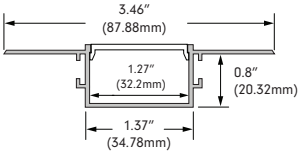
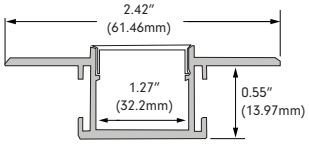
## Compatible Extrusions



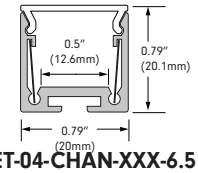

**COTA-CHAN-SLV-6.5**
Anodized Aluminum Extrusion, available in 6.5′ lengths



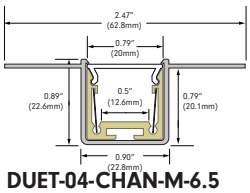

**CARU-CHAN-SLV-6.5**
Anodized aluminum extrusion, available in 6.5′ lengths




**HAYS-CHAN-SLV-6.5**
Anodized Aluminum Extrusion, available in 6.5′ lengths

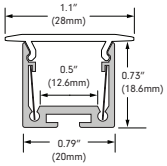



**DUET-04-CHAN-XXX-6.5**
**XXX** = **SLV** (silver), **WHT** (white), **GLD** (gold), **BLK** (black)
Aluminum extrusion
6.5′ Length



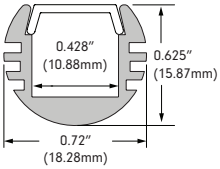

**DUET-04-CHAN-M-6.5**
Mud-In PC fire-proof extrusion
6.5′ Length

Note: **DUET-04-CHAN-SLV-6.5** and **DUET-04-CHAN-M-6.5** are required for mud-in application

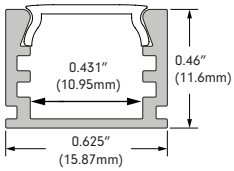



**DUET-04-CHAN-SLV-6.5**
Anodized aluminum extrusion available in 6.5′ length

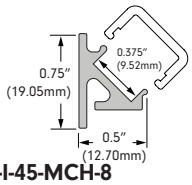
Note: **DUET-04-CHAN-SLV-6.5** and **DUET-04-LNS-R-XXX-6.5** are required for recessed application



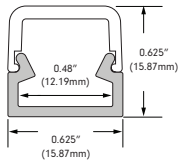

**NOVA-CHAN-SLV-6.5**
Anodized Aluminum Extrusion, available in 6.5′ lengths



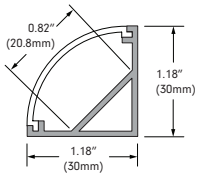

**MOSR-CHAN-SLV-6.5**
Anodized Aluminum Extrusion, available in 6.5′ lengths



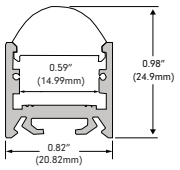

**TPL-I-45-MCH-8**
White PVC 45˚ extrusion
**INF-X-LNS-8**
**X** = **C** (clear), **F** (frosted)
Polycarbonate lense
available in 8′ length



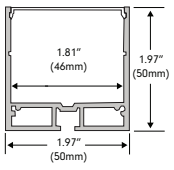

**INF-X-CHAN-8**
**X** = **C** (clear), **F** (frosted)
Polycarbonate extrusion
available in 8′ length



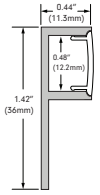

**FRE-CHAN-SLV-6.5**
Anodized Aluminum Extrusion, available in 6.5′ lengths




**RIDG-CHAN-SLV-8**
Anodized Aluminum Extrusion
length 8′




**ANZI-CHAN-XXX-6.5**
**XXX=SLV** (Silver), **BLK** (Black), **WHT** (White)
Anodized Aluminum Extrusion, available in 6.5′ lengths




**LEDA-CHAN-SLV-6.5**
Anodized Aluminum Extrusion, available in 6.5′ lengths

Note: For complete information on DUET 04 profile, refer to specification

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## Power Supplies

### ADUL/ADNM - DMX SINGLE ADDRESS

| DESCRIPTION | CAT NO | APPLICATION | PRIMARY VOLTAGE | SECONDARY VOLTAGE | CIRCUIT BREAKERS | MAX LOAD | CIRCUIT CAPACITY |
|---|---|---|---|---|---|---|---|
| ADUL/ADNM Series Class 2 Transformer | ADNM-90-1-4-24-DIN | Indoor / Outdoor | 100-277V AC 5o/60 Hz | 24V DC | 1 | 90W | 3.75A |
| | ADUL-120-1-4-24-DIN | Indoor | | | 1 | 96W | 4A |
| | ADUL-240-2-4-24-DIN | Indoor | | | 2 | 2x96W | 2x4A |
| | ADUL-320-3-4-24-DIN | Indoor | | | 3 | 3x96W | 3x4A |

### ADUL - DMX MULTI ADDRESS

| DESCRIPTION | CAT NO | APPLICATION | PRIMARY VOLTAGE | SECONDARY VOLTAGE | CIRCUIT BREAKERS | MAX LOAD | CIRCUIT CAPACITY |
|---|---|---|---|---|---|---|---|
| ADUL Series Class 2 Transformer | ADUL-240-2-4-24-DIN-2 | Indoor | 100-277V AC 5o/60 Hz | 24V DC | 2 | 2x96W | 2x4A |
| | ADUL-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 Class 2 Transformer | ADNM-120-1-4-24-DTV | Indoor / Outdoor | 100-277V AC 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 |

## Tivoli Commissioning Service

Tivoli's DMX Commissioning service involves the setup and configuration of our DMX lighting and control system, ensuring the seamless integration of our lighting fixtures with the specified DMX Control system ordered.

For more information about commission service, contact:
sales@tivoliusa.com
714-957-6101 (Engineering Tech Support)

| | |
|---|---|
| Tivocue Wall Controllers (Default Scenes: White, Red,Green, Blue, Light Blue, Purple, Pink, Dim White, Yellow, Cool Cycle, Warm Cycle, All Cycle, Rainbow Scroll, Blackout) | |
| **TVOQ-REM-COMM-1** | Remote DMX commissioning for TIVOCUE 2 and 10 dmx wall controller. Pixel mapping/control is not offered for remote commissioning |
| **TVOQ-ONS-COMM-1** | Onsite DMX comissioning for TIVOCUE 2 and 10 dmx wall controller (est. 2 days) |
| ARTNET-S-8-512 (Default Scenes: White, Red,Green, Blue, Light Blue, Purple, Pink, Dim White, Yellow, Cool Cycle, Warm Cycle, All Cycle, Rainbow Scroll, Blackout) | |
| **ARTNET-S-REM-COMM-8** | Remote DMX commissioning for artnet s recorder up to 8 universes. Pixel mapping/control is not offered for remote commissioning |
| **ARTNET-S-ONS-COMM-8** | Onsite DMX commissioning for artnet s recorder up to 8 universes (est. 3 days) |
| MADRIX DMX SYSTEM | |
| **DMX-COMM-2U-MDRX** | Onsite commissioning for madrix, up to 2 universes (est. 3 days) |
| **DMX-COMM-8U-MDRX** | Onsite commissioning for madrix, up to 8 universes (est. 3 days) |
| **DMX-COMM-16U-MDRX** | Onsite commissioning for madrix, up to 16 universes (est. 4 days) |
| **DMX-COMM-24U-MDRX** | Onsite commissioning for madrix, up to 24 universes (est. 4 days) |
| **DMX-COMM-32U-MDRX** | Onsite commissioning for madrix, up to 32 universes (est. 5 days) |
| **32+ UNIVERSE** | Contact factory |

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www.tivolilighting.com tel: 714-957-6101 fax: 714-427-3458