Project: _____   Length: _____

- Covered by a silicone sleeve and factory sealed to each specific length.
- 3-in-1 RGB chip
- Tight SMD LED spacing produces smooth visual delivery
- Multiple mounting options with Tivoli's Urban channel series.
- 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)
- IP67 rated
- 3 year warranty

Dimensions

LED tape in silicone sleeve

7/16"

5/16"   LEDs On Center Spacing

3/16"
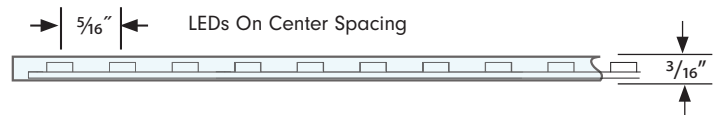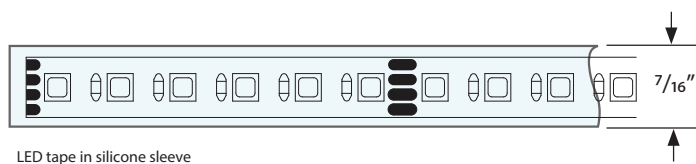
Order Guide

PRODUCT CODE		INSTALL		LED TYPE		*MAX RUN		VOLTAGE
TPLFS	-	**O**	-	**RGB**	-		-	**24**

TPLFS = Fuse Tape   **O** = Outdoor   **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

Electrical	
Input Voltage	24V DC
Dimming Option	DMX
Power Supply	Class 2
Wire Size (End Prep)	20 AWG, 4 wire
Power Consumption	4.4W/ft.
Color Temperature (CCT)	Red (620-625 nm), Green (527-532 nm), Blue (470-475 nm)
Lumen Output	125 (Total On)
Physical	
LED Package	3535
Cut Increments	2" (non-field cuttable - Factory prep only)
LEDs/ft.	36
Operating Temperature	-40°F (-40°C) to 140°F (60°C)
Maximum Run Length	22'
Copper Trace	3 oz.
Adhesive	3M VHB Tape
Dimension	5/16" (8mm) TivoTape, 7/16" Silicone Sleeve
Performance	
Lumen Maintenance (L70) Hours	60,000
Binning Tolerance	2 Step MacAdam Elipse
Warranty	3 Years
Certification and Testing	
Certification	cULus
Environment	Wet Location
IP Rating	IP67

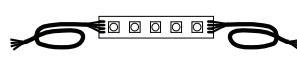Tivoli, LLC. reserves the right to modify this specification without prior notice.

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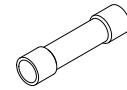

TPL-O-LEAD-4-C
LEAD/END
24" standard 4 conductor
22AWG lead wire factory
attached to one end of tape

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

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

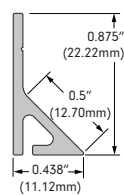**GELJB-3-01-BK**
1/2/3 Wire IP67 Small Gel Filled
Junction Box

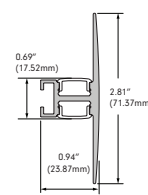

GELJB-3-02-BK
1/2/3 Wire IP67 Medium Gel Filled
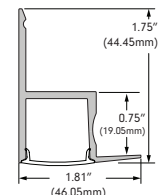Junction Box

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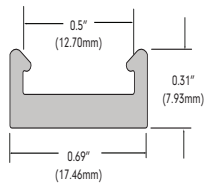
MCHAN-8-LP
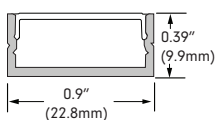Low profile NO LENS OPTION
clear polycarbonate, length 8'

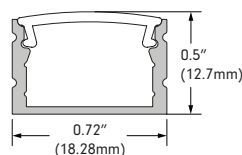**TPL-I-45-MCH-8-S**
White PVC, 45° NO LENS
length 8'

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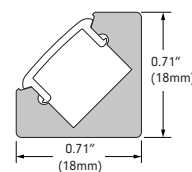available in 6.5' lengths

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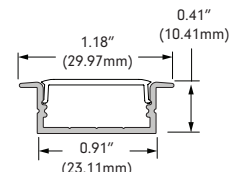available in 6.5' lengths

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

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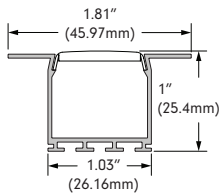available in 6.5' lengths

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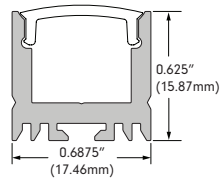Anodized Aluminum Extrusion,
available in 6.5' lengths

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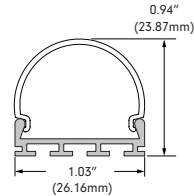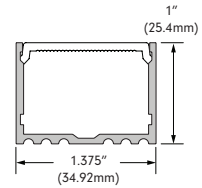available in 6.5' lengths

Compatible Extrusions

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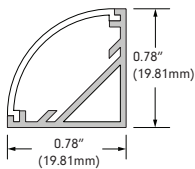Anodized Aluminum Extrusion, available in 6.5' lengths

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

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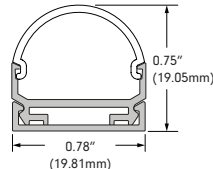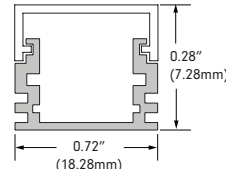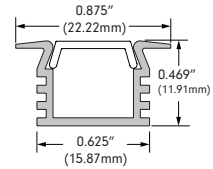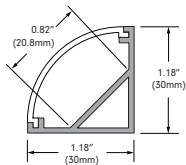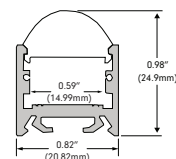Anodized Aluminum Extrusion, available in 6.5' lengths

RIDG-CHAN-SLV-8
Anodized Aluminum Extrusion length 8'
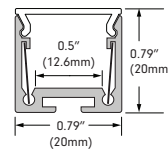
DUET-04-CHAN-XXX-6.5
XXX = **SLV** (silver), **WHT** (white), **GLD** (gold), **BLK** (black)
Aluminum extrusion 6.5' Length
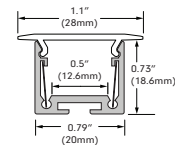
DUET-04-CHAN-SLV-6.5
Anodized aluminum extrusion available in 6.5' length

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

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

In-Wall Controls

TVOQ-1-WH
White

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

TVOQ-2-BK
Black

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

DMX Sub-Controller

DESCRIPTION	CAT NO	MODES	WATTAGE	PRIMARY VOLTAGE	DIMENSION
DMX Sub-controller	TPL-RGBW-180-24	Sub-controller only	5X96W	24V DC	2.87" W X 6.46" L X 1.45" H

Power Supplies

ADNM - DMX SINGLE ADDRESS

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
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
	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 Class 2 Transformer	ADNM-240-2-4-24-DIN-2	Indoor / Outdoor	100-277V AC 5o/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 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

Accessories

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

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.