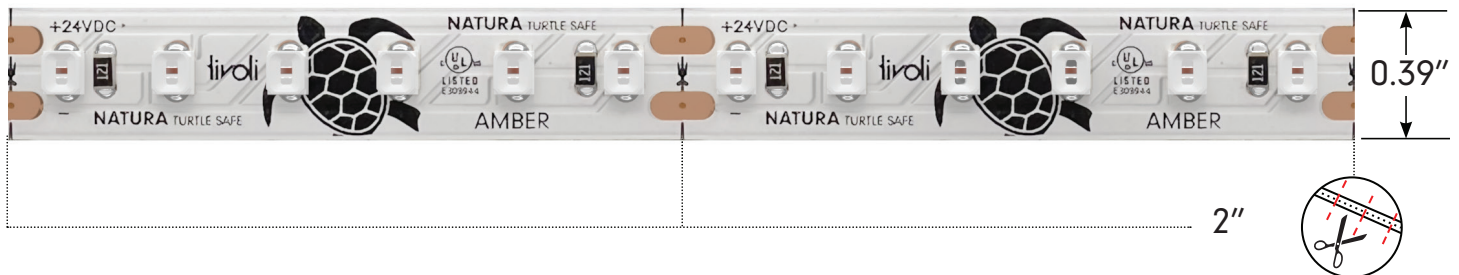




Project: \_\_\_\_\_ TYPE: \_\_\_\_\_

- Turtle safe amber LED
- Low bin tolerance with a 1.5 Step McAdam Elipse standard
- Includes Tivoli's eXo shield coating
- Factory soldered lead wire
- Standard IP54 dry/damp location rated and IP67 wet location available
- Multiple mounting channel options
- Low lead times
- 3oz. Copper Trace
- 5 Year warranty

## Dimensions



## Order Guide

PRODUCT CODE	INTENSITY	INSTALL	LED COLOR	*MAX RUN	VOLTAGE
<b>TPLNT</b>		<b>I</b>	<b>AM</b>	<b>MR</b>	<b>24</b>
<b>TPLNT</b> = TivoTape Natura	<b>SB</b> = Standard Brightness <b>HO</b> = High Output <b>VHO</b> = Very High Output	<b>I</b> = Indoor	<b>AM</b> = Amber	<b>MR</b> = Max Run	<b>24</b> = 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)

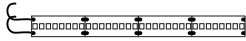
Note: Runs with LEAD-D are rounded **down** to next cur interval (unless otherwise specified)

## Specification

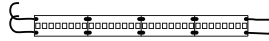
SB Standard Brightness		HO High Output		VHO Very High Output	
Kelvin Temperature	Amber (Turtle Safe)	Kelvin Temperature	Amber (Turtle Safe)	Kelvin Temperature	Amber (Turtle Safe)
Lumens/ft	CF	Lumens/ft	CF	Lumens/ft	253
Efficacy (Lm/W)	CF	Efficacy (Lm/W)	CF	Efficacy (Lm/W)	36
Wavelength	CF	Wavelength	CF	Wavelength	597
Measured Power W/ft	CF	Measured Power W/ft	CF	Measured Power W/ft	7
Listed Power W/ft.	CF	Listed Power W/ft.	CF	Listed Power W/ft.	7
Max Run	CF	Max Run	CF	Max Run	13'

Electrical	
Input Voltage	24V
Dimming	MLV/ELV/0-10V/DMX
Physical	
LED Package	2835
LEDs/ft	36
Adhesive	3M VHB Tape
Copper Trace	3 Ounce
Dimensions	0.39" (10mm)
Cut Increments	2" (50.8mm)
Operating Temperature	-40°F (-40°C) ~ +140°F (+60°C)
Certification and Testing	
Certification	UL Listed, CE
Lumen Maintenance (L70)	60,000 hrs
Binning Tolerance	1.5 Step MacAdam Elipse
Environment	IP54 Damp Location, Conformal eXo Shield
Warranty	5 years

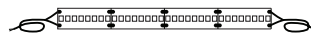
Power Leads and Jumpers (Installed by Tivoli's certified solderers)



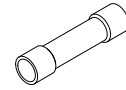
**TPL-I-LEAD-2-C**  
LEAD/END  
24" standard 2 conductor  
18AWG lead wire factory  
attached to one end of tape



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

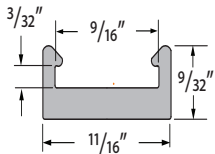


**TPL-I-XEP-2**  
EXTRA LEAD WIRE  
Additional factory attached  
18AWG lead 2 wire to extend  
lengths of LEAD-C and LEAD-D  
up to 20 ft. max  
Sold per foot

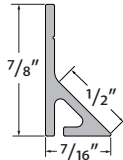


**TPL-I-CONN**  
18-22AWG BUTT CONNECTORS  
Used to interconnect factory  
attached lead wires.  
Sold individually.

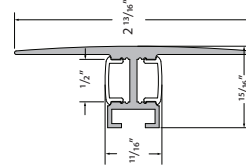
Compatible Extrusions



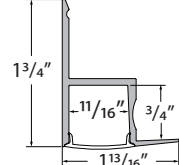
**MCHAN-8-LP**  
Low profile NO LENS OPTION  
clear polycarbonate, length 8'



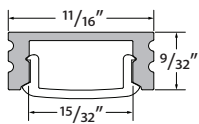
**TPL-I-45-MCH-8-S**  
White PVC, 45° NO LENS  
length 8'



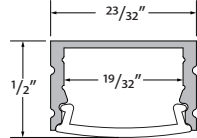
**DWAR-CHAN-SLV-6.5**  
Anodized Aluminum Extrusion,  
available in 6.5' lengths



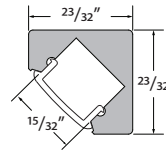
**EDGE-CHAN-SLV-6.5**  
Anodized Aluminum Extrusion,  
available in 6.5' lengths



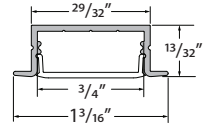
**MINI-CHAN-SLV-6.5**  
Anodized Aluminum Extrusion,  
available in 6.5' lengths



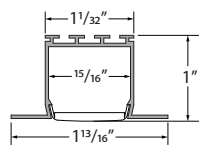
**MOFT-CHAN-SLV-6.5**  
Anodized Aluminum Extrusion,  
available in 6.5' lengths



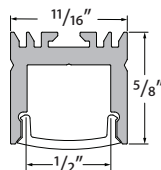
**DYER-CHAN-SLV-6.5**  
Anodized Aluminum Extrusion,  
available in 6.5' lengths



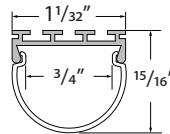
**WRNR-CHAN-SLV-6.5**  
Anodized Aluminum Extrusion,  
available in 6.5' lengths



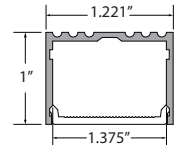
**NOYS-CHAN-SLV-6.5**  
Anodized Aluminum Extrusion,  
available in 6.5' lengths



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

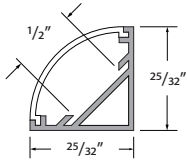


**DOME-CHAN-SLV-6.5**  
Anodized Aluminum Extrusion,  
available in 6.5' lengths

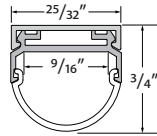


**ALTN-CHAN-SLV-6.5**  
Anodized Aluminum Extrusion,  
available in 6.5' lengths

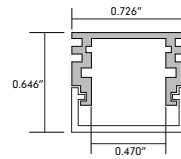
## Compatible Extrusions



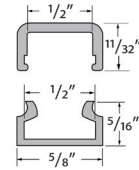
**MRSI-CHAN-SLV-6.5**  
Anodized aluminum extrusion available in 6.5' length



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

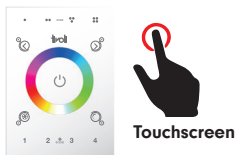


**ASTR-CHAN-SLV-6.5**  
Anodized aluminum extrusion available in 6.5' length

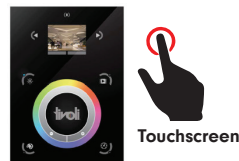


**INF-X-CHAN-8**  
X = C (clear), F (frosted)  
PC extrusion, available in 8' lengths

## In-Wall Controls



**TVOQ-1-WH**  
White



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



**TVOQ-2-BK**  
Black

## 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 Class 2 Transformer	INF-J-30-1-1.3-24	Indoor / 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

### ER

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ER Series Class 2	ER-80-1-3.3-24-D	Indoor / Outdoor	100-277V AC 50/60 Hz	24V DC	1	80W	3.3A
ER Series Class 2 0-10V Dimming	ERG-80-24-DIM1-10						

## Recommended Power Supplies

### ADUL/ADNM - NON DIMMING

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-D	Indoor / Outdoor	100-277V AC 50/60 HZ	24V DC	1	90W	3.75A
	ADUL-120-1-4-24-D				1	96W	4A
	ADUL-240-2-4-24-D				2	2x96W	2x4A
	ADUL-320-3-4-24-D				3	3x96W	3x4A

### ADUL/ADNM - 0-10V DIMMING

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-DOT	Indoor / Outdoor	100-277V AC 50/60 HZ	24V DC	1	90W	3.75A
	ADUL-120-1-4-24-DOT				1	96W	4A
	ADUL-240-2-4-24-DOT				2	2x96W	2x4A
	ADUL-320-3-4-24-DOT				3	3x96W	3x4A

### 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 50/60 Hz	24V DC	1	90W	3.75A
	ADUL-120-1-4-24-DIN				1	96W	4A
	ADUL-240-2-4-24-DIN				2	2x96W	2x4A
	ADUL-320-3-4-24-DIN				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 / Outdoor	100-277V AC 50/60 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



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 (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