TivoTape CB

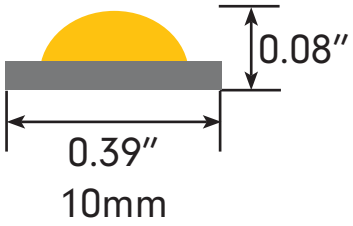
HIGH OUTPUT INDOOR

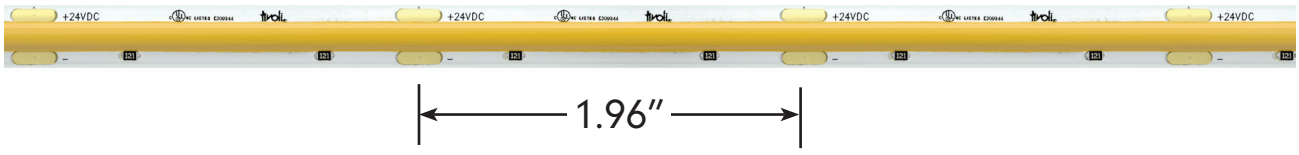
tivoli®

Project: _____ TYPE: _____

- Low bin tolerance with a 3 Step McAdam Elipse standard
- Outdoor location available
- High CRI value
- Factory soldered lead wire required
- IP54 Dry/Damp location available
- Multiple mounting channel options
- Large range of available Kelvin temperatures
- Low lead times
- 5 Year warranty

Dimensions





Order Guide

PRODUCT CODE		INTENSITY		INSTALL		LED COLOR		VOLTAGE
TPLCB	-	**HO**	-	**I**	-		-	**24**
TPLCB = Tivotape COB		**HO** = High Output		**I** = Indoor		**22** = 2200K **24** = 2400K **27** = 2700K **30** = 3000K **35** = 3500K **40** = 4000K **50** = 5000K **65** = 6500K **RD** = Red		24 = 24V DC

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 (based on 3000K)									
Kelvin Temperature	2200K	2400K	2700K	3000K	3500K	4000K	5000K	6500K	Red
Lumens/ft	CF	353	407	413	443	435	460	441	102
Efficacy (Lm/W)	CF	77	89	90	97	95	101	96	21
Color Rendering Index (CRI)	90+								NA
Electrical									
Input Voltage	24V DC								
Power Supply	Class 2								
Power Consumption W/ft	4.57 W/ft.								
Maximum Run Length	20′								
Wire Size (End Prep)	18 AWG, 2 wire								
Dimming	MLV/ELV/0-10V (Consult factory for DMX dimming)								
Physical									
LED Package	COB (Chip on FPC)								
Adhesive	3M VHB Tape								
Copper Trace	3 Ounce Copper Trace								
Dimensions	0.39″ W x 0.08″ H (10mm)								
Cut Increments	1.96″								
Operating Temperature	-40°F (-40°C) ~ 140°F (60°C)								
Certification and Testing									
Certification	cULus								
Lumen Maintenance (L70) Hours	60,000								
Binning Tolerance	3 Step MacAdam Elipse								
Environment	IP54 Dry/Damp Location								
Warranty	5 Years								

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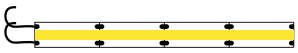
Snap Power Lead and Jumpers (For in-field connection)

TPL-I-10-SNP-LEAD-XX
XX = **6** (6"), **60** (60")
2 conductor 20AWG lead wire field attached
Sold 10pcs

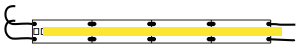
TPL-I-10-SNP-JUMPER-6
6" 2 conductor 20AWG jumper wire field attached
Sold 10pcs

TPL-I-10-SNP-JOINER
2 conductor joiner field attached
Sold 10pcs

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

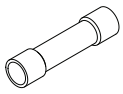


TPL-I-LEAD-2-C
LEAD/END
24" standard 2 conductor 18AWG lead wire factory attached to one end of tape



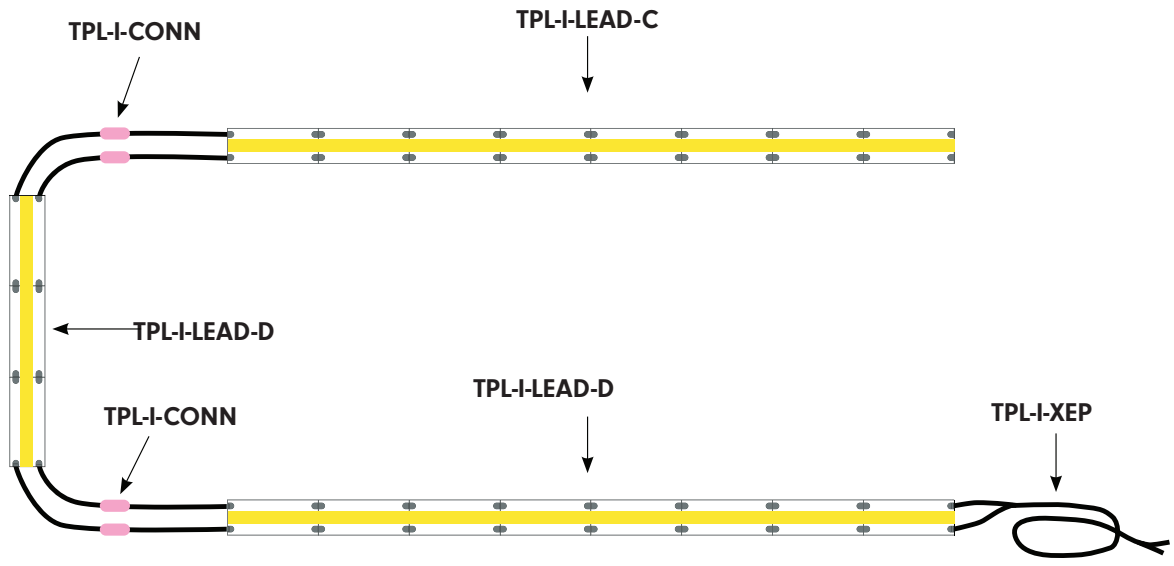
TPL-I-LEAD-2-D
LEAD/LEAD
24" standard 2 conductor 18AWG lead wire factory attached to both ends of tape

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.

Power Leads and Jumper Wiring Diagram - Example



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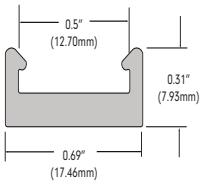
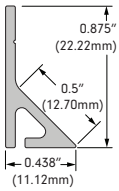
Compatible Extrusions

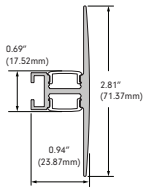
Fits 10mm Snap Connector



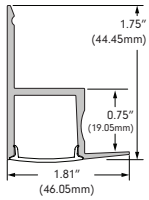
MCHAN-8-LP
Low profile NO LENS OPTION clear polycarbonate, length 8′



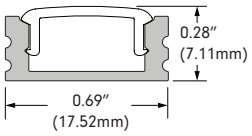
TPL-I-45-MCH-8-S
White PVC, 45° NO LENS length 8′



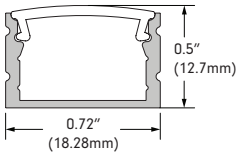
DWAR-CHAN-SLV-6.5
Anodized Aluminum Extrusion, available in 6.5′ lengths



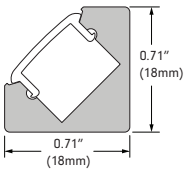
EDGE-CHAN-SLV-6.5
Anodized Aluminum Extrusion, available in 6.5′ lengths



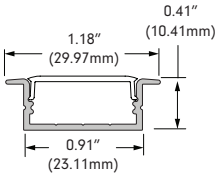
MINI-CHAN-SLV-6.5
Anodized Aluminum Extrusion, available in 6.5′ lengths



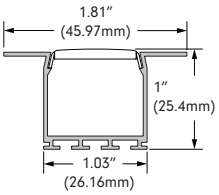
MOFT-CHAN-SLV-6.5
Anodized Aluminum Extrusion, available in 6.5′ lengths



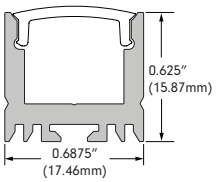
DYER-CHAN-SLV-6.5
Anodized Aluminum Extrusion, available in 6.5′ lengths



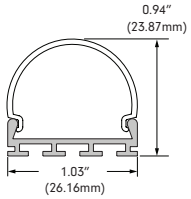
WRNR-CHAN-SLV-6.5
Anodized Aluminum Extrusion, available in 6.5′ lengths



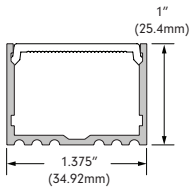
NOYS-CHAN-SLV-6.5
Anodized Aluminum Extrusion, available in 6.5′ lengths



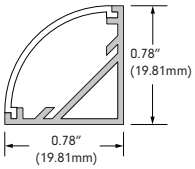
VALN-CHAN-SLV-6.5
Anodized Aluminum Extrusion, available in 6.5′ lengths



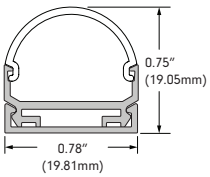
DOME-CHAN-SLV-6.5
Anodized Aluminum Extrusion, available in 6.5′ lengths



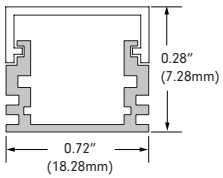
ALTN-CHAN-SLV-6.5
Anodized Aluminum Extrusion, available in 6.5′ lengths



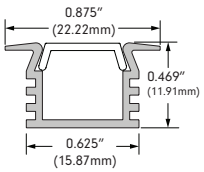
MRSL-CHAN-SLV-6.5
Anodized aluminum extrusion available in 6.5′ length



HRIZ-CHAN-SLV-6.5
Anodized aluminum extrusion available in 6.5′ length

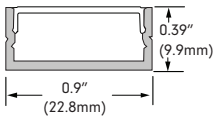


ASTR-CHAN-SLV-6.5
Anodized aluminum extrusion available in 6.5′ length

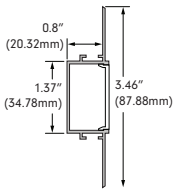


EDIN-CHAN-SLV-6.5
Anodized Aluminum Extrusion, available in 6.5′ lengths

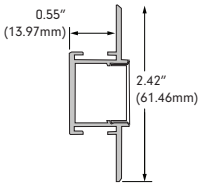
Compatible Extrusions



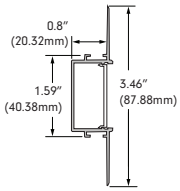
COTA-CHAN-SLV-6.5
Anodized Aluminum Extrusion, available in 6.5′ lengths



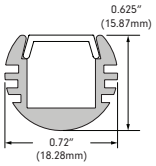
CARU-CHAN-SLV-6.5
Anodized aluminum extrusion, available in 6.5′ lengths



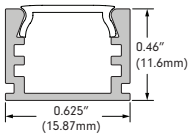
HAYS-CHAN-SLV-6.5
Anodized Aluminum Extrusion, available in 6.5′ lengths



GLOR-CHAN-XXX-6.5
Anodized Aluminum Bendable 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

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 5o/60 Hz	24V DC	1	80W	3.3A
ER Series Class 2 0-10V Dimming	ERG-80-24-DIM1-10						

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	Indoor			1	96W	4A
	ADUL-240-2-4-24-D	Indoor			2	2x96W	2x4A
	ADUL-320-3-4-24-D	Indoor			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	Indoor			1	96W	4A
	ADUL-240-2-4-24-DOT	Indoor			2	2x96W	2x4A
	ADUL-320-3-4-24-DOT	Indoor			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 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

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Recommended Power Supplies

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

Recommended Dimmers

DIMMING - 0-10V

DESCRIPTION	CAT NO	APPLICATION	INPUT VOLTAGE	OUTPUT VOLTAGE	MAX LOAD
0-10V Dimmer	DIM-LD-010	Indoor	12V/24V DC	12V/24V DC	30 mA max. output (sink only)

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

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