



LOW BRIGHTNESS INDOOR

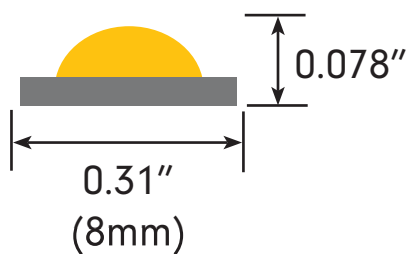




Project: _____ Type: _____

- Low bin tolerance with a 3 Step McAdam Elipse standard
- Indoor location suited with outdoor available
- High CRI value
- Factory soldered lead wire required
- IP54 Wet 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	LB	I		24
TPLCB = Tivotape COB	LB = Low Brightness	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 cut interval (unless otherwise specified)

Specification



Output (based on 3000K)									
Kelvin Temperature	2200K	2400K	2700K	3000K	3500K	4000K	5000K	6500K	Red
Lumens/ft	142	150	158	166.9	175.8	185.7	195.6	206.6	CF
Efficacy (Lm/W)	102	107.9	113.7	120	126.5	133.6	140.7	148.6	CF
Color Rendering Index (CRI)	90+								
Power Consumption W/ft	1.5 W/ft								
Measured Power Consumption W/ft	1.39 W/ft								
Maximum Run Length	64'								
Electrical									
Input Voltage	24V DC								
Power Supply	Class 2								
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	0.31"W x 0.078" H (8mm)								
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 Wet Location								
Warranty	5 Years								

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



TPL-I-8-SNP-LEAD-XX
XX = 6 (6"), 60 (60")
 2 conductor 20AWG lead wire
 field attached
 Sold 10pcs



TPL-I-8-SNP-JUMPER-6
 6" 2 conductor 20AWG jumper
 wire field attached
 Sold 10pcs



TPL-I-8-SNP-JOINER
 2 conductor joiner field
 attached
 Sold 10pcs

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



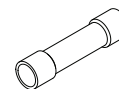
TPL-I-LEAD-2-C
 LEAD/END
 24" standard 2 conductor
 18AWG lead wire factory
 attached to one end of tape



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

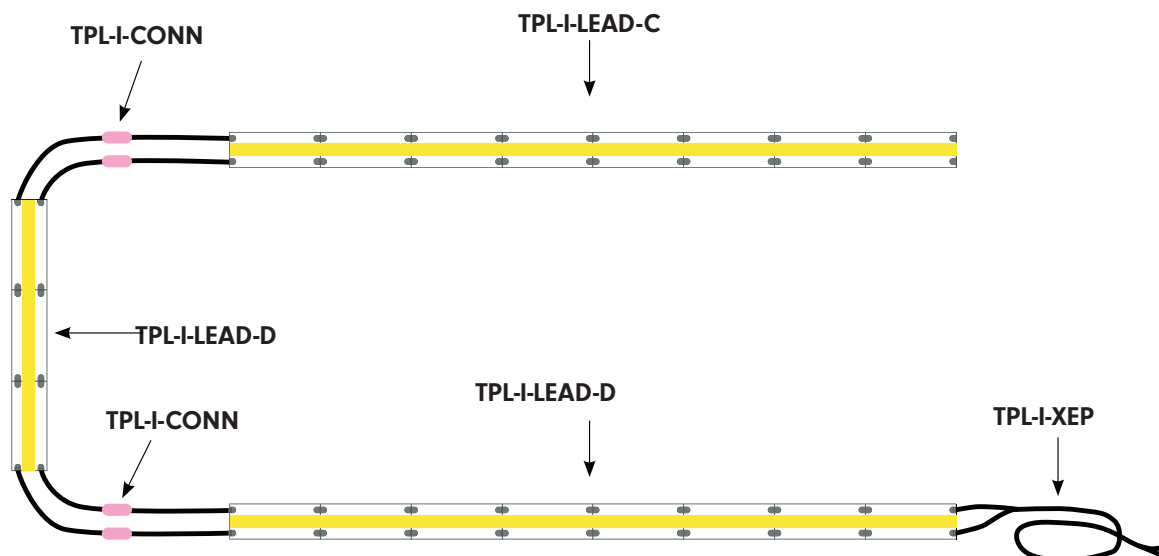


TPL-I-XEP-2
 EXTRA LEAD WIRE
 Additional factory attached
 18AWG lead 2 wire to extend
 lengths of LEAD-C and LEAD-D
 up to 20 ft. max
 Sold per foot

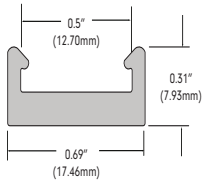


TPL-I-CONN
 18-22AWG BUTT CONNECTORS
 Used to interconnect factory
 attached lead wires.
 Sold individually.

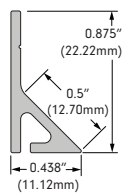
Power Leads and Jumper Wiring Diagram - Example



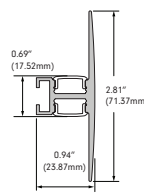
Compatible Extrusions



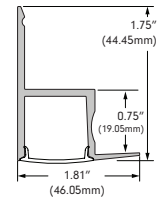
MCHAN-8-LP
Low profile NO LENS OPTION
clear polycarbonate, length 8'



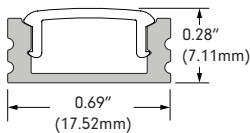
TPL-I-45-MCH-8-S
White PVC, 45° NO LENS
length 8'



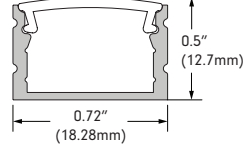
DWAR-CHAN-SLV-6.5
Anodized Aluminum Extrusion,
available in 6.5' lengths



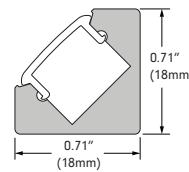
EDGE-CHAN-SLV-6.5
Anodized Aluminum Extrusion,
available in 6.5' lengths



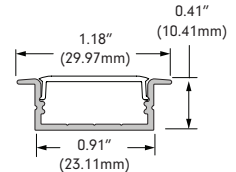
MINI-CHAN-SLV-6.5
Anodized Aluminum Extrusion,
available in 6.5' lengths



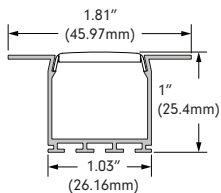
MOFT-CHAN-SLV-6.5
Anodized Aluminum Extrusion,
available in 6.5' lengths



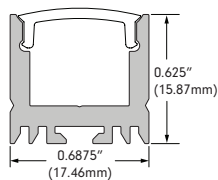
DYER-CHAN-SLV-6.5
Anodized Aluminum Extrusion,
available in 6.5' lengths



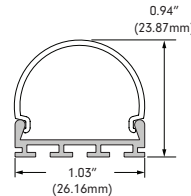
WRNR-CHAN-SLV-6.5
Anodized Aluminum Extrusion,
available in 6.5' lengths



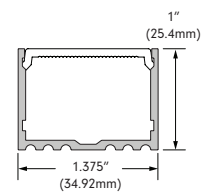
NOYS-CHAN-SLV-6.5
Anodized Aluminum Extrusion,
available in 6.5' lengths



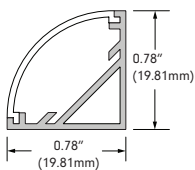
VALN-CHAN-SLV-6.5
Anodized Aluminum Extrusion,
available in 6.5' lengths



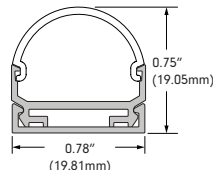
DOME-CHAN-SLV-6.5
Anodized Aluminum Extrusion,
available in 6.5' lengths



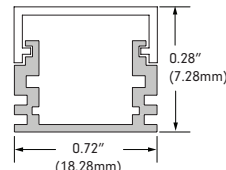
ALTN-CHAN-SLV-6.5
Anodized Aluminum Extrusion,
available in 6.5' lengths



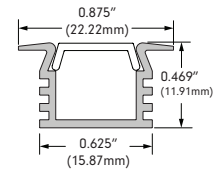
MRSL-CHAN-SLV-6.5
Anodized aluminum extrusion
available in 6.5' length



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

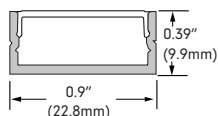


ASTR-CHAN-SLV-6.5
Anodized aluminum extrusion
available in 6.5' length



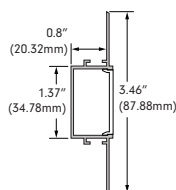
EDIN-CHAN-SLV-6.5
Anodized Aluminum Extrusion,
available in 6.5' lengths

Compatible Extrusions



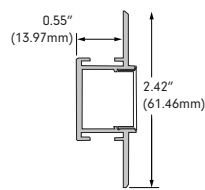
COTA-CHAN-SLV-6.5

Anodized Aluminum Extrusion,
available in 6.5' lengths



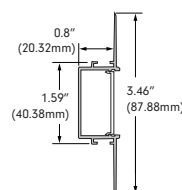
CARU-CHAN-SLV-6.5

Anodized aluminum extrusion,
available in 6.5' lengths



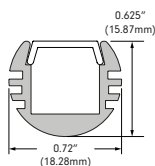
HAYS-CHAN-SLV-6.5

Anodized Aluminum Extrusion,
available in 6.5' lengths



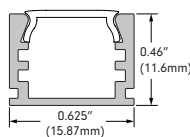
GLOR-CHAN-XXX-6.5

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



TVOQ-1-WH
White



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



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 50/60 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 50/60 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

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 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
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