

TivoTape

CB

SIDE EMITTING INDOOR

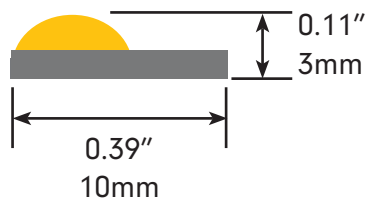




Project: _____ Type: _____

- Unique side emitting orientation for narrow beam or edge lit applicatoion
- Low bin tolerance with a 3 Step McAdam Elipse standard
- 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
TPLCBSE	SB	I		24
TPLCBSE = TivoTape COB Side Emitting	SB = Standard Brightness	I = Indoor	27 = 2700K 30 = 3000K 40 = 4000K	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)

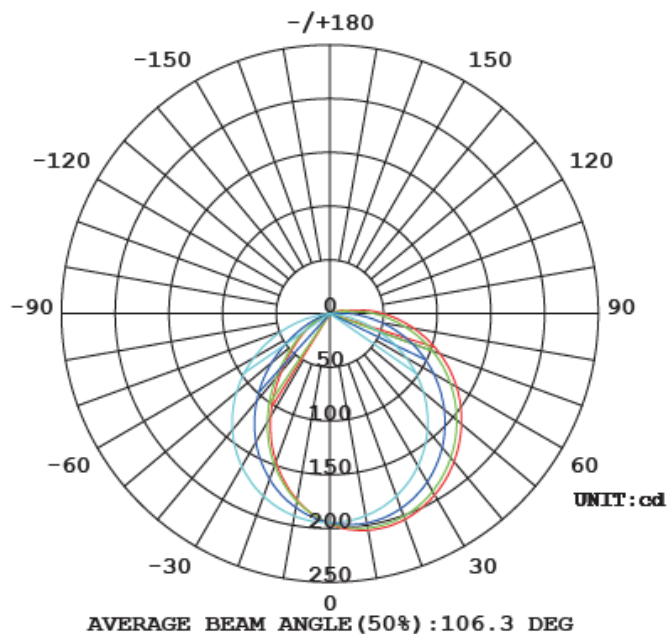
Note: Runs with LEAD-D are rounded **down** to next cut interval (unless otherwise specified)

Specification

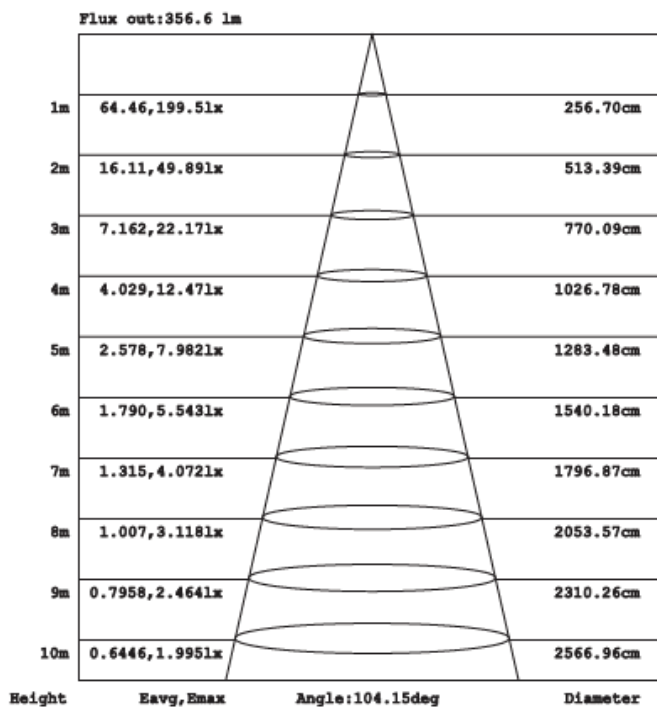


Output			
Kelvin Temperature	2700K	3000K	4000K
Lumens/ft	161.58	170.73	182.92
Efficacy (Lm/W)	53.8	56.9	60.9
Color Rendering Index (CRI)	90+		
Electrical			
Input Voltage	24V DC		
Power Supply	Class 2		
Power Consumption W/ft	3 W		
Maximum Run Length	30'		
Wire Size (End Prep)	18 AWG, 2 wire		
Dimming	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 Ellipse		
Environment	IP20 Dry Location		
Warranty	5 Years		

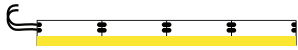
Photometrics



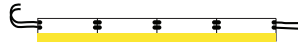
- C0/180, 104.2 Ic=205.3
- C30/210, 104.0 Ic=202.8
- C60/240, 106.4 Ic=197.8
- C90/270, 110.6 Ic=194.6



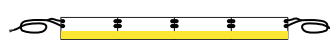
Power Leads and Jumpers (Installed by Tivoli's certified solderers)



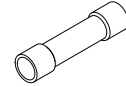
TPL-I-LEAD-2-C
LEAD/END
24" standard 2 conductor
18AWG lead wire factory
attached to one end of tape



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

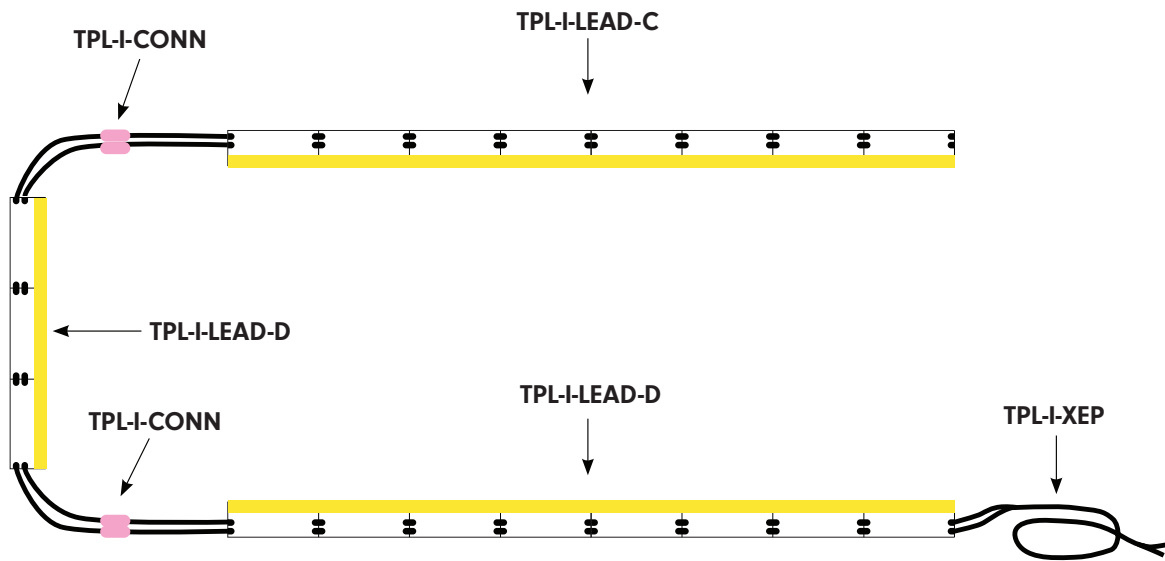


TPL-I-XEP-2
EXTRA LEAD WIRE
Additional factory attached
18AWG lead 2 wire to extend
lengths of LEAD-C and LEAD-D
up to 20 ft. max
Sold per foot



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

Power Leads and Jumper Wiring Diagram - Example



In-Wall Controls



TIVOQ-1-WH
White



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



TIVOQ-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