

TivoTape

CB

SIDE EMITTING INDOOR



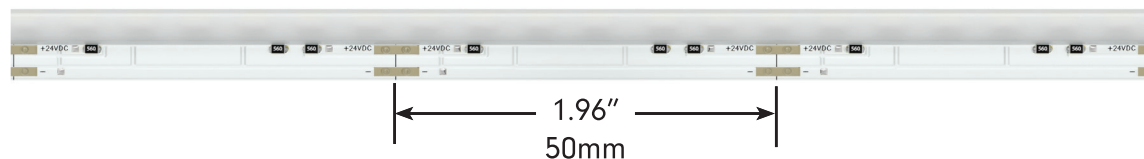
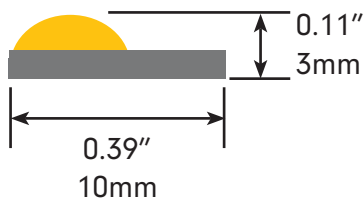
tivoli®



Project: _____ TYPE: _____

- Unique side emitting orientation for narrow beam or edge lit application
- 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

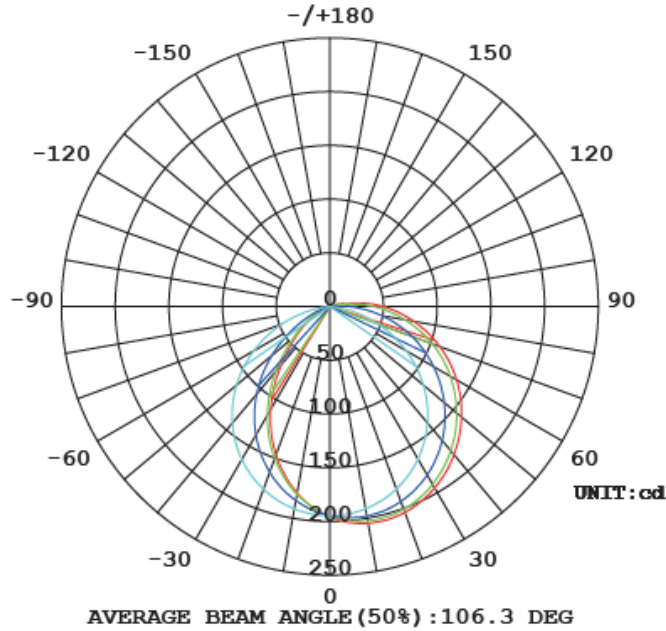
PRODUCT CODE	INTENSITY	INSTALL	LED COLOR	VOLTAGE
TPLCBSE	SB	I		24
TPLCBSE = TivoTape COB Side Emitting	SB = Standard Brightness	I = Indoor	27 = 2700K 30 = 3000K 40 = 4000K	24 = 24V DC

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 Elipse
Environment	IP20 Dry Location
Warranty	5 Years

Photometrics

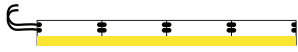


- C0/180, 104.2 Ic=205.3
- C30/210, 104.0 Ic=202.8
- C60/240, 106.4 Ic=197.8
- C90/270, 110.6 Ic=194.6

Flux out: 356.6 lm

Height	Eavg, Emax	Angle: 104.15deg	Diameter
1m	64.46, 199.51lx		256.70cm
2m	16.11, 49.89lx		513.39cm
3m	7.162, 22.17lx		770.09cm
4m	4.029, 12.47lx		1026.78cm
5m	2.578, 7.982lx		1283.48cm
6m	1.790, 5.543lx		1540.18cm
7m	1.315, 4.072lx		1796.87cm
8m	1.007, 3.118lx		2053.57cm
9m	0.7958, 2.464lx		2310.26cm
10m	0.6446, 1.995lx		2566.96cm

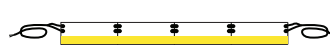
Power Leads and Jumpers (Installed by Tivoli's certified solderers)



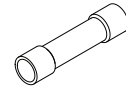
TPL-I-LEAD-2-C
LEAD/END
24" standard 2 conductor
18AWG lead wire factory
attached to one end of tape



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

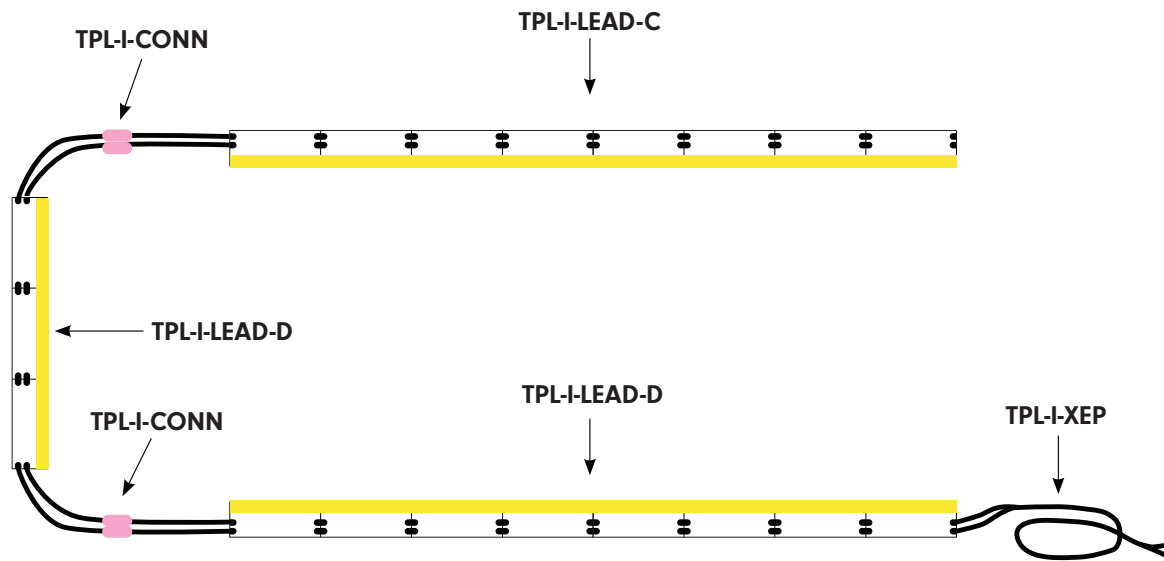


TPL-I-XEP-2
EXTRA LEAD WIRE
Additional factory attached
18AWG lead 2 wire to extend
lengths of LEAD-C and LEAD-D
up to 20 ft. max
Sold per foot



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

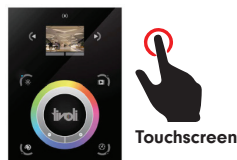
Power Leads and Jumper Wiring Diagram - Example



In-Wall Controls



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