

TivoTape

CB

Sauna Rated

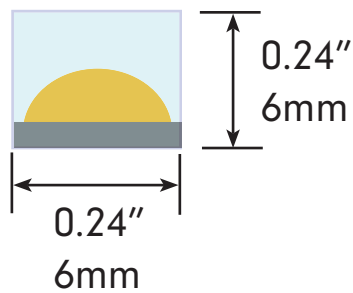




Project: \_\_\_\_\_ TYPE: \_\_\_\_\_

- Dot free homogeneous linear LED light
- IP67 Sauna rated fixture
- Back reinforcement design for chip protection during installation
- Immersion gold prevents color shift
- Factory soldered lead wire
- Multiple Kelvin temperatures available
- Low lead times
- 3 Year warranty

## Dimensions



## Order Guide

| PRODUCT CODE                | INTENSITY                       | INSTALL                      | LED COLOR                                                                                                                  | VOLTAGE            |
|-----------------------------|---------------------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------|
| <b>TPLCB</b>                | <b>SB</b>                       | <b>S66</b>                   |                                                                                                                            | <b>24</b>          |
| <b>TPLCB</b> = Tivotape COB | <b>SB</b> = Standard Brightness | <b>S66</b> = Sauna Rated 6x6 | <b>27</b> = 2700K<br><b>30</b> = 3000K<br><b>35</b> = 3500K<br><b>40</b> = 4000K<br><b>50</b> = 5000K<br><b>65</b> = 6500K | <b>24</b> = 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            | 2700K                                           | 3000K | 3500K | 4000K | 5000K | 6500K |
| Lumens/ft                     | 182.9                                           | 192.6 | 195.1 | 202.4 | 202.4 | 202.4 |
| Efficacy (Lm/W)               | 75                                              | 79    | 80    | 83    | 83    | 83    |
| Color Rendering Index (CRI)   | 90+                                             |       |       |       |       |       |
| Electrical                    |                                                 |       |       |       |       |       |
| Input Voltage                 | 24V DC                                          |       |       |       |       |       |
| Power Supply                  | Class 2                                         |       |       |       |       |       |
| Power Consumption W/ft        | 2.43 W                                          |       |       |       |       |       |
| 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                    | 0.24 W x 0.24 H                                 |       |       |       |       |       |
| Cut Increments                | 1.97"                                           |       |       |       |       |       |
| Minimum Bending Radius        | 2.36"                                           |       |       |       |       |       |
| Operating Temperature         | 100 ± 5°C (Sauna Rated Temperature)             |       |       |       |       |       |
| Certification and Testing     |                                                 |       |       |       |       |       |
| Certification                 | cULus                                           |       |       |       |       |       |
| Lumen Maintenance (L70) Hours | 60,000                                          |       |       |       |       |       |
| Binning Tolerance             | 5 Step MacAdam Elipse                           |       |       |       |       |       |
| Environment                   | IP67 Sauna / Wet Location                       |       |       |       |       |       |
| Warranty                      | 3 Years                                         |       |       |       |       |       |

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



### TPL-S-LEAD-2-C

#### LEAD/END

24" Sauna rated 2 conductor  
18AWG lead wire factory  
attached to one end of tape



### TPL-S-LEAD-2-D

#### LEAD/LEAD

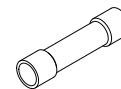
24" Sauna rated 2 conductor  
18AWG lead wire factory  
attached to both ends of tape



### TPL-S-XEP-2

#### EXTRA LEAD WIRE

Additional factory attached  
18AWG sauna rated lead 2  
wire to extend lengths 20' max  
Sold per foot

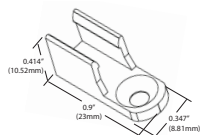


### TPL-S-CONN

#### 18-22AWG BUTT CONNECTORS

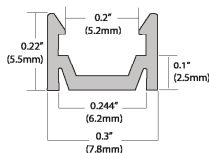
Used to interconnect factory  
attached sauna rated lead  
wires.  
Sold individually.

## Mounting Hardware



### S66-CLP-PC

Clear plastic clip with screw  
Sold each



### S66-CHAN-CLR-8

Clear plastic mounting channel  
8ft  
Sold each

## In-Wall Controls



### TVOQ-1-WH

White glass face



### TVOQ-10-XX-7

XX = BK (Black), WH (White)  
Available in white or black  
glass face



### TVOQ-2-BK

Black glass face

## 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             |

## 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     |