

# SPTL SERIES TAPE LIGHT

## 24V DC Spec Grade Single Color

At full brightness, Spec Grade tape light offers up to 525 lumens per foot making for a perfect solution when lighting installs require bright and impactful impressions. The superior light output is best used in large open spaces in both residential and commercial applications and is available in multiple color temps with maximum runs lengths up to 13.1 feet.

- Specification grade output performance
- Available in 2700K, 3000K, and 4000K
- Up to 96+ color rendering index
- Lumen output ranging from 280Lm to 525Lm per foot
- Cuttable every 1.97" with 13.1ft max run
- Easy installation featuring 3M VHB adhesive backing
- Available in IP54 & IP65 rating options
- Dimmable (5-100%) with most ELV, TRIAC dimmers
- cULus Listed for indoor dry/damp, and wet locations
- JA8 Compliant
- 50,000 hours rated life



PROJECT: \_\_\_\_\_

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

LOCATION: \_\_\_\_\_

CATALOG NUMBER: \_\_\_\_\_



### SPTL SERIES QUICK SPECS

|                |                                    |
|----------------|------------------------------------|
| VOLTAGE        | 24V DC                             |
| WATTAGE        | 7.8W / ft                          |
| LUMENS         | Up to 525Lm / ft                   |
| CCT OPTIONS    | 2700K / 3000K / 4000K              |
| CRI            | Up to 96+                          |
| MAX RUN        | 13.1ft                             |
| CUTTING POINTS | 1.97" (50mm)                       |
| IP RATING      | IP54 - Coated / IP65 - Jacketed    |
| DIMMING        | TRIAC / ELV (5 - 100%)             |
| DIMENSIONS     | 0.39" (10mm) W x 0.06" (1.65mm) H  |
| BEAM ANGLE     | 120°                               |
| OPERATING TEMP | 5°C (41°F) to 70°C (158°F)         |
| CERTIFICATIONS | cULus Listed - Dry / Damp Location |
| RATED LIFE     | 50,000 Hours                       |

Recommended: In commercial applications, solder all connection points. ALWAYS mount via an aluminum extrusion to allow proper dissipation of heat.

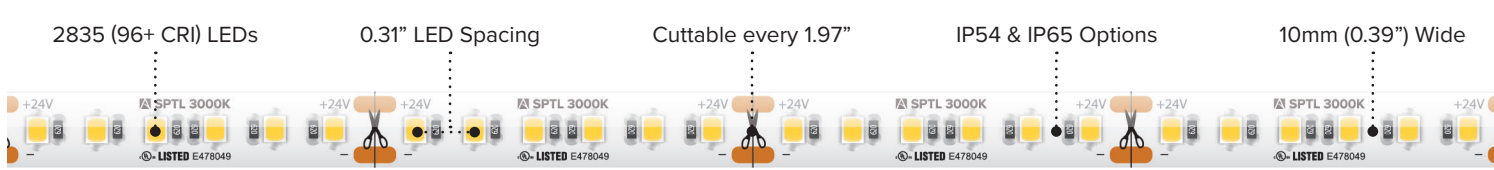
### SPTL SERIES IP RATINGS

**IP54 (Coated)**  
 Features a light nano-coating applied to the tape light and LED's that protects from moisture and dust.  
**Best suited:** Indoor dry & damp locations

**IP65 (Jacketed)\***  
 Features a clear protective silicone jacketing that protects the tape light from sprayed water and dust.  
**Best suited:** Indoor & Outdoor damp & wet locations

\*Not suitable for exposure to chemicals or salt.

### SPTL SERIES QUICK LOOK



..... 13.1 ft Max Run .....

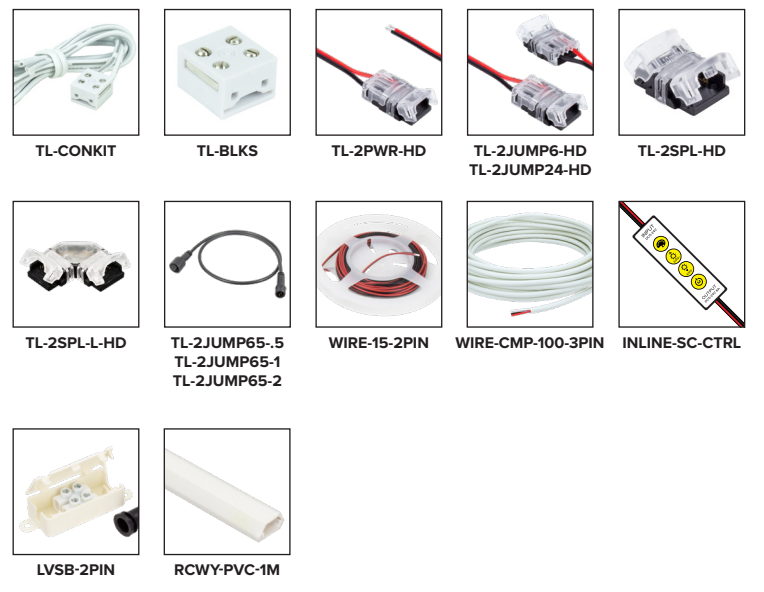
**SPTL SERIES ORDERING INFORMATION** \*Custom Cut Orders - Please Allow Up To 2-4 Weeks Order Processing & Delivery\*

| ITEM NUMBER         | VOLTAGE | CCT   | LENGTH  | LUMENS / FT | WATTAGE / FT | IP RATING | CRI | CUTTING      | MAX RUN |
|---------------------|---------|-------|---------|-------------|--------------|-----------|-----|--------------|---------|
| <b>SPTL-UWW-13</b>  | 24V DC  | 2700K | 13.1 ft | 485Lm / ft  | 7.8W / ft    | IP54      | 96+ | 1.97" (50mm) | 13.1 ft |
| <b>SPTL-WW-13</b>   | 24V DC  | 3000K | 13.1 ft | 495Lm / ft  | 7.8W / ft    | IP54      | 96+ | 1.97" (50mm) | 13.1 ft |
| <b>SPTL65-WW-13</b> | 24V DC  | 3000K | 13.1 ft | 480Lm / ft  | 7.8W / ft    | IP65      | 94+ | 1.97" (50mm) | 13.1 ft |
| <b>SPTL-WH-13</b>   | 24V DC  | 4000K | 13.1 ft | 525Lm / ft  | 7.8W / ft    | IP54      | 96+ | 1.97" (50mm) | 13.1 ft |
| <b>SPTL65-WH-13</b> | 24V DC  | 4000K | 13.1 ft | 510Lm / ft  | 7.8W / ft    | IP65      | 94+ | 1.97" (50mm) | 13.1 ft |

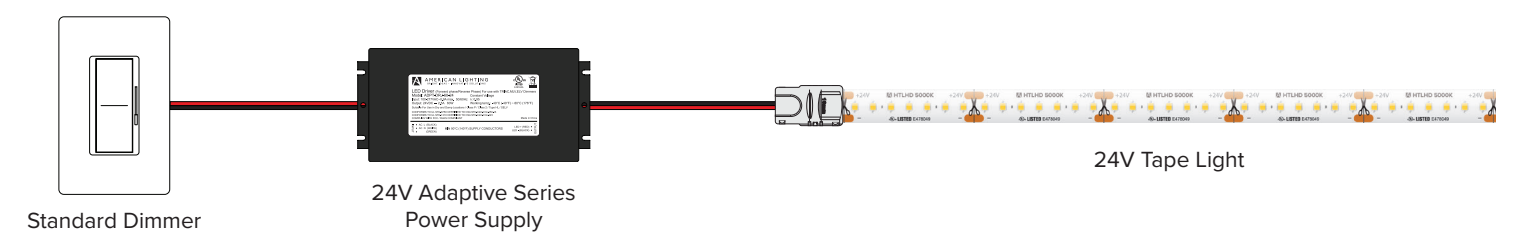
13.1ft Reels (IP54) Include: Attached 3ft Lead Wire / (3) TL-CONKIT / (3) TL-BLKS / (3) TL-2PWR-HD  
 13.1ft Reels (IP65) Include: Attached 2ft IP65 Lead Wire +6" Conkit / Attached 2ft IP65 Tail Wire +6" Conkit / (3) HD Power Feeds (IP20)

**SPTL SERIES ACCESSORIES**

| ITEM NUMBER              | DESCRIPTION                                     |
|--------------------------|---|
| <b>TL-CONKIT</b>         | 6" Trulink 4-in-1 Connection Kit                |
| <b>TL-BLKS</b>           | Trulink 4-in-1 Connector Block (QTY 10)         |
| <b>TL-2PWR-HD</b>        | 6" HD Power Feed (IP54)                         |
| <b>TL-2JUMP6-HD</b>      | 6" HD Linking Cable (IP54)                      |
| <b>TL-2JUMP24-HD</b>     | 24" HD Linking Cable (IP54)                     |
| <b>TL-2SPL-HD</b>        | HD Tape to Tape Splice Connector (IP54)         |
| <b>TL-2SPL-L-HD</b>      | 90° "L" HD Tape to Tape Splice Connector (IP54) |
| <b>TL-2JUMP65-.5</b>     | 6" Linking Cable (IP65)                         |
| <b>TL-2JUMP65-1</b>      | 12" Linking Cable (IP65)                        |
| <b>TL-2JUMP65-2</b>      | 24" Linking Cable (IP65)                        |
| <b>WIRE-15-2PIN</b>      | 15ft (20/2) Wire Spool                          |
| <b>WIRE-CMP-100-3PIN</b> | 100ft (16/3) In-wall Rated Wire Spool           |
| <b>INLINE-SC-CTRL</b>    | Simple Select In-line Controller (Single Color) |
| <b>LVSB-2PIN</b>         | In-Line Splice Terminal Block                   |
| <b>RCWY-PVC-1M</b>       | 1m Plastic Wire Cover Raceway (White)           |



**SPTL SERIES QUICK SET-UP**



**RECOMMENDED POWER SUPPLIES**

| ITEM NUMBER            | DESCRIPTION                    | MAX / MIN LOAD | INPUT VOLTAGE | OUTPUT VOLTAGE | DIMMABLE | DIMENSIONS               |
|------------------------|--------------------------------|----------------|---------------|----------------|----------|--------------------------|
| <b>ADPT-DRJ-30-24</b>  | Adaptive Series 30W            | 30W / 3W       | 100-277V AC   | 24V DC         | Yes*     | 6.49"L x 3.6"W x 1.02"H  |
| <b>ADPT-DRJ-60-24</b>  | Adaptive Series 60W            | 60W / 6W       | 100-277V AC   | 24V DC         | Yes*     | 7.4"L x 3.6"W x 1.02"H   |
| <b>ADPT-DRJ-96-24</b>  | Adaptive Series 96W            | 96W / 9.6W     | 100-277V AC   | 24V DC         | Yes*     | 8.66"L x 3.6"W x 1.61"H  |
| <b>ADPT-DRJ-192-24</b> | Adaptive Series 192W (2 x 96W) | 192W / 19.2W   | 100-277V AC   | 24V DC         | Yes*     | 10.94"L x 4.25"W x 1.8"H |
| <b>ADPT-DRJ-288-24</b> | Adaptive Series 288W (3 x 96W) | 288W / 28.8W   | 100-277V AC   | 24V DC         | Yes*     | 11.85"L x 4.25"W x 1.8"H |

\*Phase Dimming Compatible With Most MLV, ELV, and TRIAC Dimmers\*

**SPTL SERIES CUT INCREMENT GUIDE**

| Segment | Length (MM) | Length (Inches) | Length (Feet) |
|---------|-------------|-----------------|---------------|
| 1       | 50          | 1.97            | 0.16          |
| 2       | 100         | 3.94            | 0.33          |
| 3       | 150         | 5.91            | 0.49          |
| 4       | 200         | 7.87            | 0.66          |
| 5       | 250         | 9.84            | 0.82          |
| 6       | 300         | 11.81           | 0.98          |
| 7       | 350         | 13.78           | 1.15          |
| 8       | 400         | 15.75           | 1.31          |
| 9       | 450         | 17.72           | 1.48          |
| 10      | 500         | 19.68           | 1.64          |
| 11      | 550         | 21.65           | 1.80          |
| 12      | 600         | 23.62           | 1.97          |
| 13      | 650         | 25.59           | 2.13          |
| 14      | 700         | 27.56           | 2.30          |
| 15      | 750         | 29.53           | 2.46          |
| 16      | 800         | 31.5            | 2.63          |
| 17      | 850         | 33.46           | 2.79          |
| 18      | 900         | 35.43           | 2.95          |
| 19      | 950         | 37.4            | 3.12          |
| 20      | 1000        | 39.37           | 3.28          |
| 21      | 1050        | 41.34           | 3.45          |
| 22      | 1100        | 43.31           | 3.61          |
| 23      | 1150        | 45.28           | 3.77          |
| 24      | 1200        | 47.24           | 3.94          |
| 25      | 1250        | 49.21           | 4.10          |
| 26      | 1300        | 51.18           | 4.27          |
| 27      | 1350        | 53.15           | 4.43          |
| 28      | 1400        | 55.12           | 4.59          |
| 29      | 1450        | 57.09           | 4.76          |
| 30      | 1500        | 59.06           | 4.92          |
| 31      | 1550        | 61.02           | 5.09          |
| 32      | 1600        | 62.99           | 5.25          |
| 33      | 1650        | 64.96           | 5.41          |
| 34      | 1700        | 66.93           | 5.58          |
| 35      | 1750        | 68.9            | 5.74          |
| 36      | 1800        | 70.87           | 5.91          |
| 37      | 1850        | 72.83           | 6.07          |
| 38      | 1900        | 74.8            | 6.23          |
| 39      | 1950        | 76.77           | 6.40          |
| 40      | 2000        | 78.74           | 6.56          |

| Segment | Length (MM) | Length (Inches) | Length (Feet) |
|---------|-------------|-----------------|---------------|
| 41      | 2050        | 80.71           | 6.73          |
| 42      | 2100        | 82.68           | 6.89          |
| 43      | 2150        | 84.65           | 7.05          |
| 44      | 2200        | 86.61           | 7.22          |
| 45      | 2250        | 88.58           | 7.38          |
| 46      | 2300        | 90.55           | 7.55          |
| 47      | 2350        | 92.52           | 7.71          |
| 48      | 2400        | 94.49           | 7.87          |
| 49      | 2450        | 96.46           | 8.04          |
| 50      | 2500        | 98.43           | 8.20          |
| 51      | 2550        | 100.39          | 8.37          |
| 52      | 2600        | 102.36          | 8.53          |
| 53      | 2650        | 104.33          | 8.69          |
| 54      | 2700        | 106.3           | 8.86          |
| 55      | 2750        | 108.27          | 9.02          |
| 56      | 2800        | 110.24          | 9.19          |
| 57      | 2850        | 112.2           | 9.35          |
| 58      | 2900        | 114.17          | 9.51          |
| 59      | 2950        | 116.14          | 9.68          |
| 60      | 3000        | 118.11          | 9.84          |
| 61      | 3050        | 120.08          | 10.01         |
| 62      | 3100        | 122.05          | 10.17         |
| 63      | 3150        | 124.02          | 10.34         |
| 64      | 3200        | 125.98          | 10.50         |
| 65      | 3250        | 127.95          | 10.66         |
| 66      | 3300        | 129.92          | 10.83         |
| 67      | 3350        | 131.89          | 10.99         |
| 68      | 3400        | 133.86          | 11.16         |
| 69      | 3450        | 135.83          | 11.32         |
| 70      | 3500        | 137.79          | 11.48         |
| 71      | 3550        | 139.76          | 11.65         |
| 72      | 3600        | 141.73          | 11.81         |
| 73      | 3650        | 143.7           | 11.98         |
| 74      | 3700        | 145.67          | 12.14         |
| 75      | 3750        | 147.64          | 12.30         |
| 76      | 3800        | 149.61          | 12.47         |
| 77      | 3850        | 151.57          | 12.63         |
| 78      | 3900        | 153.54          | 12.80         |
| 79      | 3950        | 155.51          | 12.96         |
| 80      | 4000        | 157.48          | 13.12         |



# AMERICAN LIGHTING WARRANTY

## LIMITED WARRANTY FOR LED PRODUCTS: 5 YEARS

### LIMITED PRODUCT WARRANTY

Our products are warranted to be free from defects in material and workmanship for the warranty period listed. Warranty periods begin from the date of shipment from American Lighting Inc's warehouse to the original purchaser. Products that prove to be defective during their specific warranty period will be either repaired or replaced, at the sole discretion of American Lighting Inc. Claims for defective products must be submitted in writing to American Lighting Inc's RGA Department within the warranty period. Upon approval of such return, American Lighting Inc reserves the right to inspect the product for misuse or abuse. Claims for indirect or consequential damages or for product that, in American Lighting Inc's opinion, has been misused will be denied. This is a warranty of product reliability only and not a warranty of merchantability or fitness for a particular purpose. American Lighting Inc shall have no liability whatsoever in any event for payment of incidental or consequential damages, including, without limitations, installation costs and/or damages for personal injury and/or property. These products may represent a possible shock or fire hazard if improperly installed or altered in any way. This warranty does not apply to any product that has not been properly installed in accordance with current local codes and/or the National Electrical Code. Products that require a transformer, driver, or power supply must be used in conjunction with American Lighting Inc's recommended power supply to ensure safety and retain product warranty.

### PRODUCT SPECIFICATIONS

For the latest product information, updates, instructions and details concerning specifications, colors, finishes, performance, installation and design, visit [www.americanlighting.com](http://www.americanlighting.com). Color may vary from the color printed herein due to limitations in photographic and printing processes. American Lighting Inc. reserves the right to change product specifications without notice. Other product specifications such as color temperature, wavelength characteristics and lumen output are subject to production limitations and may vary.

LED technology is changing rapidly, and not all color temperatures and performance levels can be duplicated at a later time. Best practices include purchasing 10-15% more for a particular project on the same initial order where white LED color temperatures must be maintained over project and product life. Eventual product replacement should be considered at layout and design stages. Best practices also include testing connections and product performance prior to mounting and/or installing.

### AVERAGE LIFE

Average incandescent lamp life, rated life and average life are terms used to describe the number of hours at which half of the lamps have failed. For LEDs, the hours of rated life specify the point where 70% of original lumen output is reached. Below this point, the effective life is over, however, the LED may still emit light. Individual results may vary with actual environmental conditions including, but not limited to, proper installation, ambient temperature and/or input voltage fluctuations.