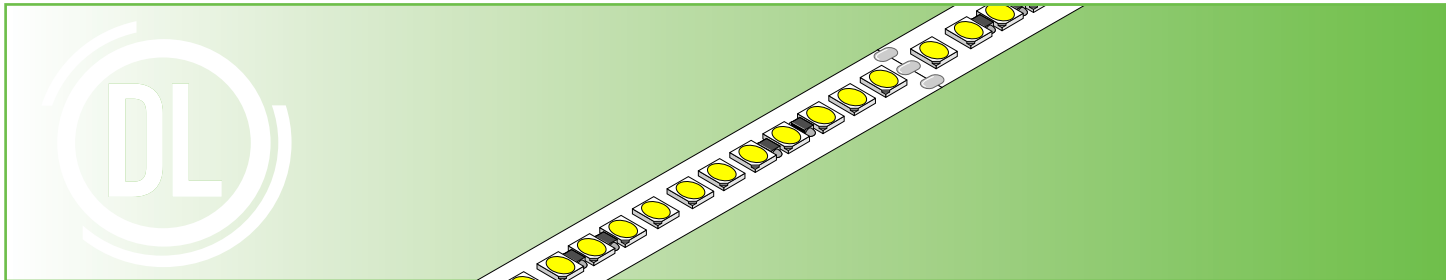


Item #

Project



2400K

6000K

## DI-24V-BLSEL-TW2460

<b>Voltage</b>	24VDC		
<b>Wattage</b>	5.3/ft.		
<b>Lumens</b>	2400K*	3800K*	6000K*
	270 Lm./ft.	586 Lm./ft.	336 Lm./ft.
<b>Cut Points</b>	4 in.		
<b>Max. Run<sup>1</sup></b>	16.4 ft.		
<b>LED Chips</b>	36/ft		
<b>CCT</b>	2400K - 6000K		
<b>CRI</b>	95+		
<b>Dimmable</b>	Yes		
<b>Dimensions</b>	0.473 x 0.063 in. (W x H)		
<b>Environment<sup>2</sup></b>	Indoor / Damp Location		
<b>Certification</b>	UL Listed		
<b>Warranty</b>	12-Year Warranty		

*\*Lumen output measured at 2400K, 3800K, & 6000K. Lumen output between these CCT's may vary.*

### SKU Builder

<b>DI</b>	-	<b>24V</b>	-	<b>BLSEL</b>	-	<b>TW2460</b>	-	
		Voltage		Model		Type		Length
								<b>CSTM</b>
								<b>016</b>
								<b>100</b>

Example: DI-24V-BLSEL-TW2460-16 = Diode LED, 24 Volt, BLAZE™ SELECT Tunable White, 16.4 foot spool.

# BLAZE™ SELECT TUNABLE WHITE LED Tape Light

## SPECIFICATION SHEET

### SPECIFICATIONS

- LED Chip Type: 2835 GuangMu Chip
- LED Chip Beam Angle: 120°
- Mounting<sup>3</sup>: 3M™ 55236 Adhesive Backing
- Connections<sup>4</sup>: 39 inch hard-wire lead: 20/3 AWG
- Ambient Temp<sup>5</sup>: -4 ~ 122°F (-20 ~ 50°C)
- Operating Temp<sup>6</sup>: -4 ~ 176°F (-20 ~ 80°C)

### COMPLIANCE & REGULATORY APPROVALS

#### Safety

- UL Listed 2108 Low Voltage Lighting System / Low Voltage Luminaire. UL 1598 / CSA 250.0-08, UL 8750. UL 879 / CAN/CSA-C22.2 no. 207-M89. Certified for United States and Canada. File # E469769.
- UL Listed Field Cuttable.
- UL Recognized Component - Sign Accessories. Available in UL Sign Components Manual (SAMS Manual). File # E469770.
- CE & EMC Compliant: Verification No. GZEM141200683705V
- Approved for storage areas of clothes closets per NEC 410.16.A.3 and 410.16.C.5

#### Environmental

- RoHS Compliant: Verification No. CANEC1610091501

#### Performance

- LED chip data measured in accordance to IES LM-80-08.
- Photometric & Colorimetry data measured in accordance to IES LM-79-08, in Elemental LED's Innovation Lab.

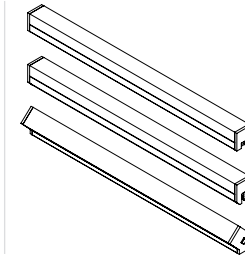
### COMPATIBLE DRIVERS & CONTROLS

Visit the product page at [www.DiodeLED.com](http://www.DiodeLED.com) for compatible LED drivers & controls. See the Installation Guide for system diagrams.

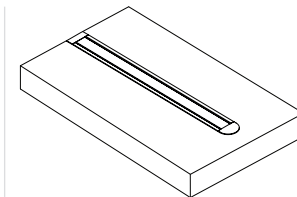
### ADDITIONAL ACCESSORIES

Accessories listed below fully support our Tape Light product line. Further information on these products and more accessories can be found in our latest catalog or online at [www.DiodeLED.com](http://www.DiodeLED.com).

#### CHROMAPATH® Builder Channels



#### CHROMAPATH® Bundle Channels



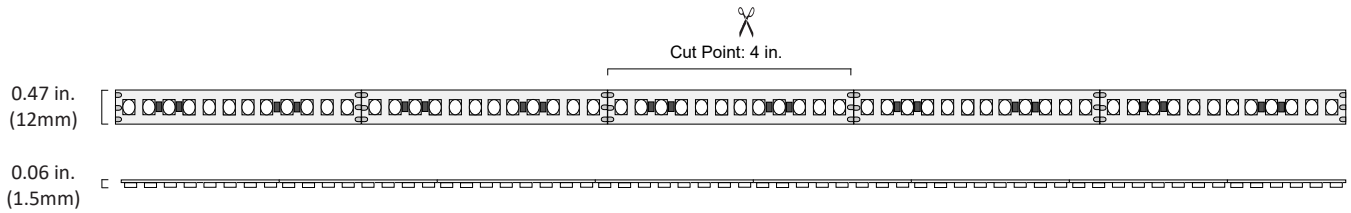
1. Each maximum run requires a dedicated power feed from the driver. Do not extend beyond the recommended maximum run length.
2. Do not install in environment where LED chips are exposed to direct sunlight as damage to the phosphor will occur. NEC definition of damp location: Locations protected from weather and not subject to saturation with water or other liquids but subject to moderate degrees of moisture. Examples of such locations include partially protected locations under canopies, marquees, roofed open porches, and like locations, and interior locations subject to moderate degrees of moisture, such as some basements, some barns, and some cold-storage warehouses.
3. Ideal tape application temperature range is 70°F to 100°F (21°C to 38°C). Initial tape application to surfaces at temperatures below 50°F (10°C) is not recommended because the adhesive becomes too firm to adhere readily. However, once properly applied, low temperature holding is generally satisfactory.
4. Wire leads and accessories are not rated for in-wall installation unless otherwise noted. Attached wire leads and connections are field-cuttable.
5. Do not install product in an environment outside the listed ambient temperature. Exceeding the maximum ambient temperature may damage LED chips, reduce the total lamp life, lumen output, and/or adversely impact color consistency.
6. Operating temperature is measured according to the minimum and maximum ambient temperature environment.

# BLAZE™ SELECT TUNABLE WHITE LED Tape Light

SPECIFICATION SHEET

## MECHANICAL DIAGRAM

### BLAZE™ SELECT TUNABLE WHITE

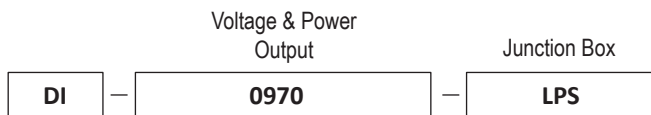


## LED DRIVERS (Required)

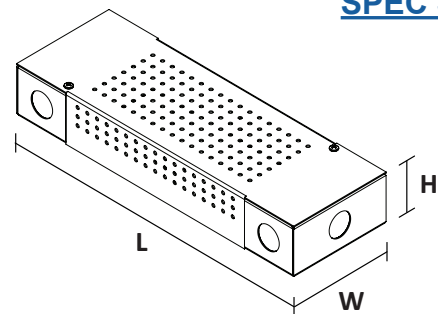
The following Listed LED Drivers are recommended for compatibility and to meet NEC code when installed according to specifications. For additional LED Driver options see Diode LED's product page at: <https://www.diodeled.com/products/led-power-supplies.html>

## LO-PRO® JUNCTION BOX & DRIVER COMBO - 24V CONSTANT VOLTAGE LED DRIVER

Use Constant Voltage Drivers to power your lighting system. Compatible with Standard 120VAC On/Off Switches, REIGN® Low Voltage Dimmers, TOUCHDIAL™ Control System, DMX Decoders, and PWM Controls.



SKU	L - LENGTH	W - WIDTH	H - HEIGHT
DI-0970-LPS	11.25 in.	3.75 in.	1.90 in.
DI-CV-MW24V60W-277-LPS	11.25 in.	3.75 in.	1.90 in.
DI-CV-MW24V90W-277-LPS	11.25 in.	3.75 in.	1.90 in.
DI-0954-LPL	13.5 in.	4.5 in.	2.37 in.

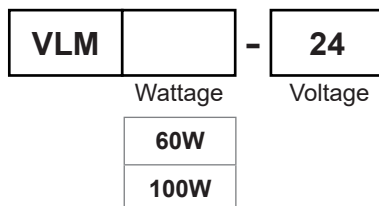


[SPEC SHEET](#)

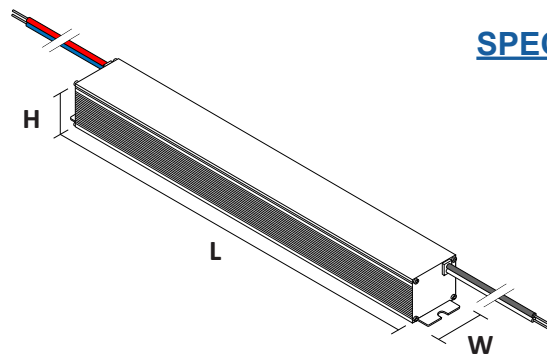


## VLM SERIES CONSTANT VOLTAGE DRIVER

Use Constant Voltage Drivers to power your low voltage tape light. Compatible with Standard 120VAC On/Off Switches, REIGN® 12-24V Low Voltage Dimmers, TOUCHDIAL™ Control System, DMX Decoders, and PWM Controls.



SKU	L - LENGTH	W - WIDTH	H - HEIGHT
VLM60W-24	5.1 in.	.75 in.	.77 in.
VLM100W-24	5.38 in.	1 in.	.77 in.



[SPEC SHEET](#)



# BLAZE™ SELECT TUNABLE WHITE LED Tape Light

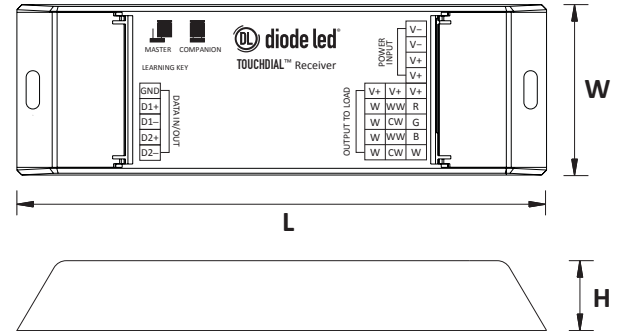
CONTROLLER (Required)

SPECIFICATION SHEET

## TOUCHDIAL™ COLOR TUNING CONTROL SYSTEM

SKU	L - LENGTH	W - WIDTH	H - HEIGHT
DI-RF-REC-CV-A	6.57 in.	2.09 in.	0.91 in.

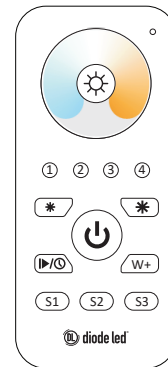
### [SPEC SHEET](#)



## TOUCHDIAL™ REMOTE TUNABLE WHITE CONTROL

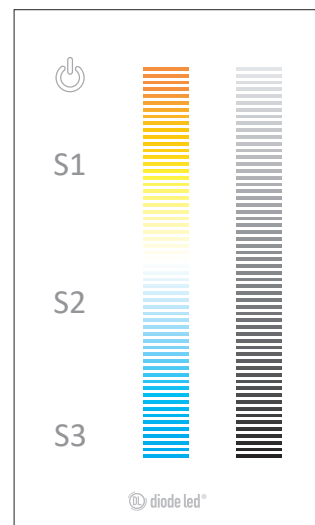
For use with TOUCHDIAL™ CONTROL SYSTEM

SKU	L - LENGTH	W - WIDTH	H - HEIGHT
DI-RF-REM-TW-4	4.72 in.	2.17 in.	0.66 in.



## TUNABLE WHITE DMX512 WiFi WALLMOUNT CONTROLLER

SKU	L - LENGTH	W - WIDTH	H - HEIGHT
DI-DMX-WIFI-WMDC-1ZWH	4.72 in.	2.95 in.	1.15 in.



# BLAZE™ SELECT TUNABLE WHITE LED Tape Light

## ADDITIONAL INFORMATION

- LOW VOLTAGE LED TAPE LIGHT Installation Guide

## SAFETY / WARNINGS / DISCLOSURES

1. Install in accordance with national and local electrical code regulations.
2. This product is intended to be installed and serviced by a qualified, licensed electrician.
3. Only install with a Class 2 DC Constant Voltage LED driver.
4. Only use copper wiring. Use wires rated for at least 176°F (80°C) and certified for use with external connection of electrical equipment.
5. Each maximum run requires a dedicated power feed from the driver. Do not extend beyond the recommended maximum run length.
6. Tape light, attached wire leads, and additional extension cables, connectors, etc., are not rated for in-wall installation unless otherwise noted. Tape light and attached wire leads are field-cuttable.
7. Ensure applicable wire is installed between driver, fixture, and any controls in-between. When choosing wire, factor in voltage drop, amperage rating, and type (in-wall rated, wet location rated, etc.). Inadequate wire installation could overheat wires, and cause fire.
8. Do not install in environment where LED chips are exposed to direct sunlight as damage to the phosphor will occur.
9. Do not install in environment where excessive heat may exist (ex. close proximity to fireplace, etc.) See Ambient Temperature ratings
10. Do not install indoor LED tape light products in outdoor / wet location environments. Only wet location tape light models are rated for outdoor / wet locations.
11. Do not modify product beyond instructions or warranty will be void.
12. Tape light must be handled with care. Excessive handling, bending, and pressure may damage the product, voiding the warranty.
13. Actual color may vary from what is pictured on this sheet and other print materials due to the limitations of photographic processes.
14. We reserve the right to modify and improve the design of our fixtures without prior notice. We cannot guarantee to match existing installed fixtures for subsequent orders or replacements in regards to product appearance, CCT, or lumen output.

## WARRANTY

### Limited Warranty

This product has a twelve (12) year limited warranty from the date of shipment. This warranty does not include the additional accessories referenced in this specification sheet. Complete warranty details for fixtures and additional accessories are available at [www.diodeled.com/limited-warranty/](http://www.diodeled.com/limited-warranty/) within the Policies section. For warranty related questions please contact product support.

### Consumer's Acknowledgment

Elemental LED, Inc. stands behind its products when they are used properly and according to our specifications. By purchasing our products, the purchaser agrees and acknowledges that lighting design, configuration and installation is a complex process, wherein seemingly minor factors or changes in layout and infield adjustments can have a significant impact on an entire system. Choosing the correct components is essential. Elemental LED is able to work with the original purchaser to make an appropriate product selection to the extent of the limited information that the customer can provide, but it is virtually impossible for Elemental LED to design a system that foresees every unknown factor. For this reason, this Warranty does not cover problems caused by improper design, configuration or installation issues. Any statement from a Elemental LED employee or agent regarding a customer's bill of goods and/or purchase order is NOT an acknowledgment that the products purchased are designed and configured correctly. The purchase agrees and acknowledges that it is the customer's responsibility to adhere strictly to all information contained in the Product Specification Sheets.

There is often more than one way to design, configure and layout an LED lighting application properly to achieve the same lighting effect. Elemental LED strongly recommends that licensed professionals be used in the design and installation of lighting systems that include Elemental LED products. The specifications include important information that a designer and installer should carefully review and strictly follow. Qualified designers and certified and/or licensed installers, with access to the final installation environment, customer goals, and Elemental LED product specifications can make the requisite decisions appropriate for a successful finished lighting application.



© 2020 Elemental LED, Inc. All rights reserved.  
Specifications are subject to change without notice.

Toll Free: 877.817.6028 | Fax: 415.592.1596 | [www.DiodeLED.com](http://www.DiodeLED.com) | [info@DiodeLED.com](mailto:info@DiodeLED.com)