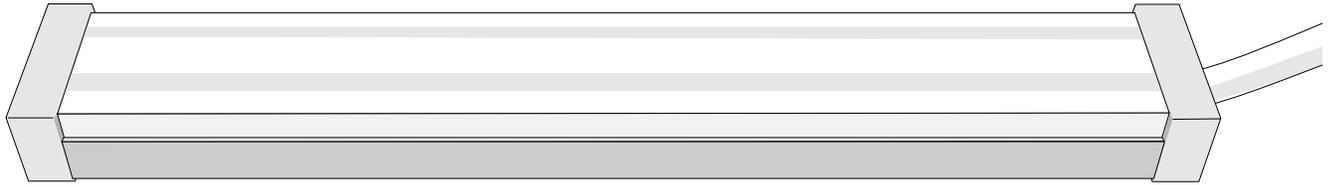




Item # \_\_\_\_\_  
Project \_\_\_\_\_



DI-24V-ELX		6.38"	12.25"	24.13"	47.63"
<b>Voltage</b>		24V DC			
<b>Wattage</b>		3.13W	6.26W	12.52W	25.04W
<b>Lumens<sup>1</sup></b>	<b>2700K</b>	93 Lm.	185 Lm.	370 Lm.	740 Lm.
	<b>3000K</b>	100 Lm.	200 Lm.	400 Lm.	800 Lm.
	<b>3500K</b>	103 Lm.	205 Lm.	410 Lm.	820 Lm.
<b>CRI</b>		95+			
<b>Dimmable</b>		Yes			
<b>Field Cuttable</b>		No			
<b>Dimensions</b>		0.81 x 0.47 in. (W x H)			
<b>Environment*</b>		Indoor / Damp Location			
<b>Certification</b>		UL Listed 2108			
<b>Warranty</b>		50-Year Warranty <sup>2</sup>			

\*WARNING: NOT FOR USE IN SUBMERSIBLE APPLICATIONS

### FEATURES

- 50 Year Warranty<sup>2</sup>
- Fully diffused

SKU Builder

**DI**

-

**24V**

-

**ELX**

-

-

Voltage      Model      Color Temp      Length

<b>27</b>	<b>06</b>
<b>30</b>	<b>12</b>
<b>35</b>	<b>24</b>
	<b>48</b>

Example: DI-24V-ELX-30-24 = Diode, 24 Volt, ETERNALUX™ LED Light Bar, 3,000° CCT, 24.13 inch length

# ETERNALUX™ LED Light Bar

SPECIFICATION SHEET

## SPECIFICATIONS

- LED Chip Type: Bridgelux 2835 Blue
- Input: 24VDC Constant Voltage
- LED Chip Beam Angle: 120°
- Material: UV/IR protected TPU
- Luminous Efficacy<sup>3</sup> (lm/w): 30~32 lm/w
- Mounting (sold separately): Mounting Brackets
- Connections: 42" 20/2 AWG Female DC Lead
- Ambient Temp<sup>4</sup>: -4 - 122°F (-20 ~ 50°C)
- Operating Temp<sup>5</sup>: -4 - 176°F (-20 ~ 80°C)

## COMPLIANCE & REGULATORY APPROVALS

### Safety

- UL Listed 2108 Flexible Lighting Systems. Certified for United States and Canada. File # E469769.

### Regulatory

- Buy American Act (BAA) Compliant

### 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

Additional information on compatible Drivers can be found on page 4-5 or on the Diode LED web site at: [www.DiodeLED.com](http://www.DiodeLED.com).

## SPECIFYING?

*Note: The compatible products listed in this Specification Sheet are provided for reference only. For complete specifications of compatible products, click on the [SPEC SHEET](#) links provided.*

1. Lumen value measured in accordance to IES LM-80-08. LED chips have a luminous flux range with a tolerance of +/- 5%.
2. Diode LED has the right to refurbish light engine if deemed necessary. Reference limited warranty for further details.
3. Actual efficacy value is dependent to specified LED driver (power supply). An estimated efficacy value can be calculated as follows: Lumen value divided by average power consumption per foot.
4. 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.
5. Operating temperature is measured according to the minimum and maximum ambient temperature environment.

# ETERNALUX™ LED Light Bar

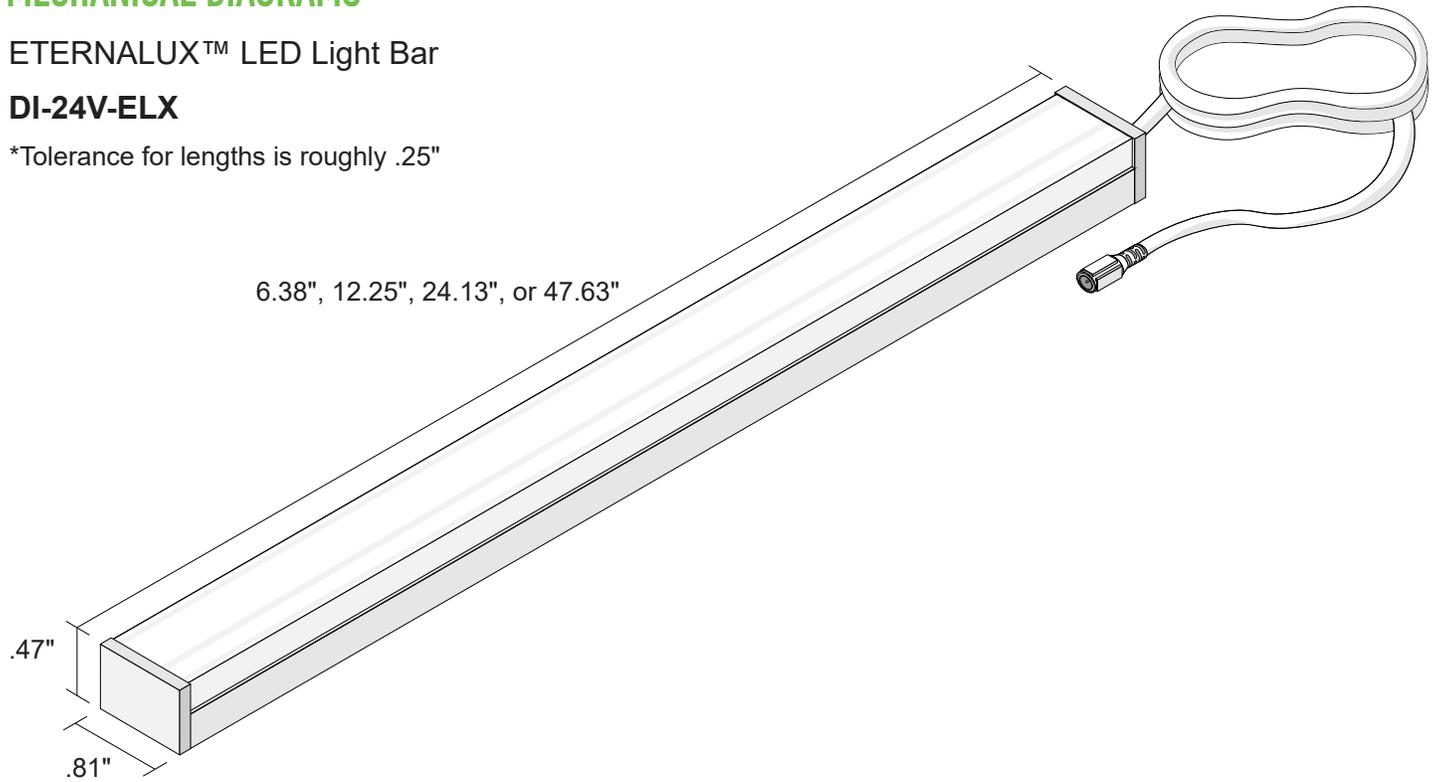
SPECIFICATION SHEET

## MECHANICAL DIAGRAMS

ETERNALUX™ LED Light Bar

**DI-24V-ELX**

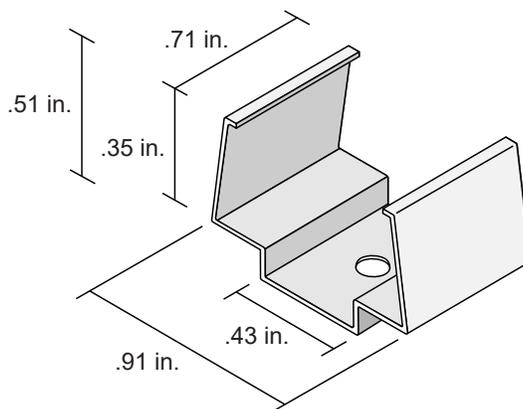
\*Tolerance for lengths is roughly .25"



ETERNALUX™ LED Light Bar

Mounting Bracket

**DI-ELX-MTCL-2**



# ETERNALUX™ LED Light Bar

SPECIFICATION SHEET

## COMPATIBLE PRODUCTS

### 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>

### SWITCHEX® DRIVER + DIMMER SWITCH

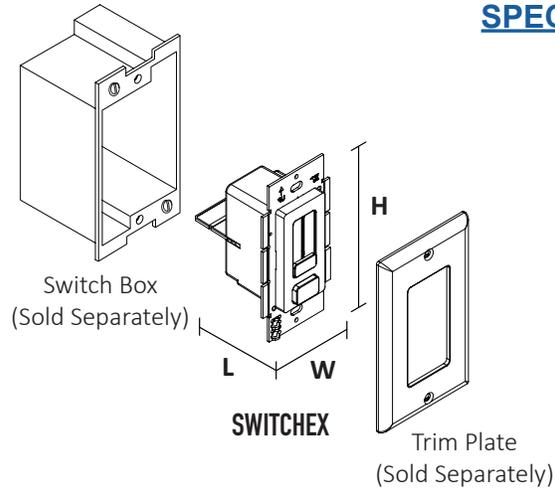
SWITCHEX combines an LED driver and LED dimmer switch into a single integrated unit. Fits into standard switch boxes.

[SPEC SHEET](#)

	Voltage Output		Power Output
DI	24V	SE	60W

SKU	L - LENGTH	W - WIDTH	H - HEIGHT
DI-24V-SE-60W	1.40 in.	2.10 in.	4.10 in.
DI-24V-SE-100W	1.40 in.	2.10 in.	4.10 in.

Fits in Standard Switch Box



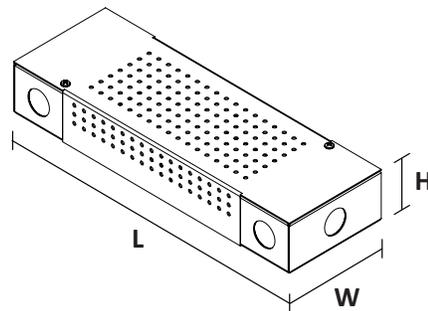
### LO-PRO® JUNCTION BOX & DRIVER COMBO - 24V CONSTANT VOLTAGE LED DRIVER

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.

[SPEC SHEET](#)

	Voltage & Power Output	Junction Box
DI	0970	LPS

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.



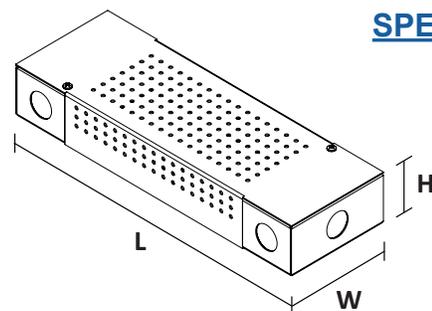
### LO-PRO® JUNCTION BOX & DRIVER COMBO - 24V COMMERCIAL GRADE 0-10V LED DIMMABLE DRIVER

Compatible with 0-10V controls and dimming systems.

[SPEC SHEET](#)

	Voltage & Power Output		Junction Box
DI-DM	MW24V60W	0-10V	LPS

SKU	L - LENGTH	W - WIDTH	H - HEIGHT
DI-DM-MW24V60W-0-10V-LPS	11.25 in.	3.75 in.	1.90 in.
DI-DM-MW24V90W-0-10V-LPL	13.5 in.	4.5 in.	2.37 in.



# ETERNALUX™ LED Light Bar

SPECIFICATION SHEET

## COMPATIBLE PRODUCTS

### LED DRIVERS Cont. (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>

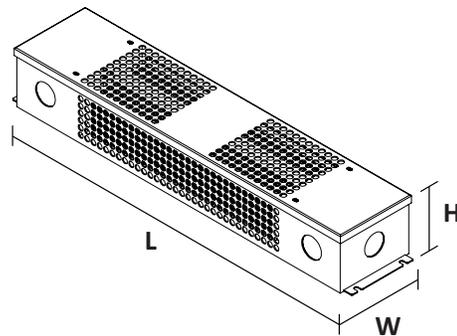
### OMNIDRIVE® 2 ELECTRONIC DIMMABLE LED DRIVER

OMNIDRIVE 2 features a zero minimum load and 100-5% dimming range. Compatible with Forward Phase and Reverse Phase Dimmers. Please see Diode LED's Compatibility List at: <https://www.diodeled.com/custom/download/productFile/fileName/DI-OD2-Compatibility%20List.pdf/>

[SPEC SHEET](#)

DI	OD2	Voltage & Power Output 24V24W
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SKU	L - LENGTH	W - WIDTH	H - HEIGHT
DI-OD2-24V24W	13.75 in.	3.00 in.	1.60 in.
DI-OD2-24V60W	13.75 in.	3.00 in.	1.60 in.
DI-OD2-24V96W	15.00 in.	3.10 in.	2.40 in.
DI-OD2-24V120W	15.00 in.	3.10 in.	2.40 in.
DI-OD2-24V200W	16.10 in.	3.40 in.	2.40 in.

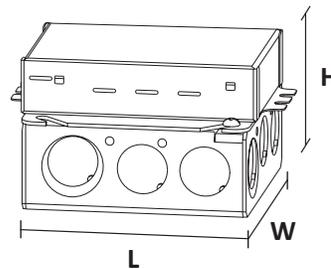


### LUTRON® Hi-lume 1% LED DIMMABLE DRIVER

Hi-lume 1% LED Driver has a minimum load of 5W and dims from 100-1%.

DI-DM	Voltage & Power Output 24V40W	3-Wire or 2-Wire Dimmers L3D
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SKU	L - LENGTH	W - WIDTH	H - HEIGHT
DI-DM-24V40W-L3D	4.89 in.	4.00 in.	2.62 in.
DI-DM-24V40W-LTE			



[L3D SPEC SHEET](#)

[LTE SPEC SHEET](#)

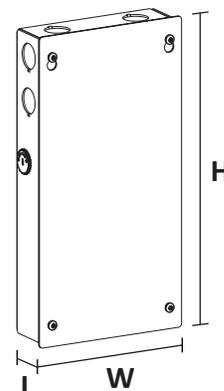


### LUTRON® Hi-lume Premier 0.1% LED DIMMABLE DRIVER

Hi-Lume Premier 0.1% LED Driver has a minimum load of 5W and dims from 100-0.1%.

DI-DM	Voltage & Power Output 24V96W	L3D
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SKU	L - LENGTH	W - WIDTH	H - HEIGHT
DI-DM-24V96W-L3D	5.50 in.	2.20 in.	10.50 in.



[SPEC SHEET](#)



## ADDITIONAL INFORMATION

- ETERNALUX™ LED Light Bar 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 listed Class 2 DC Constant Voltage LED Driver.
4. Not for use in or on walls of pools, fountains, or other partially or fully submersed locations.
5. Do not modify or disassemble product beyond instructions or this warranty will be void.
6. Actual color may vary from what is pictured above and on other print materials due to the limitations of photographic processes.
7. 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 fifty (50) 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 an 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 purchaser 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.



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