

DATE

PROJECT NOTES

**Flexible linear lighting that dims like halogen and incandescent lights. Outstanding color rendering delivers convincing warm colors for immersive environments. Pair with channel profiles for a complete system.**

- Realistically mimics halogen and incandescent sources
- Warm-glow function with no accessories needed (on-board control)
- 98+ CRI and unmatched performance for R9/R13, Fidelity, and Gamut
- Pair with 15+ channel profiles
- Factory or field assembly
- Simple installation
- 12-year warranty



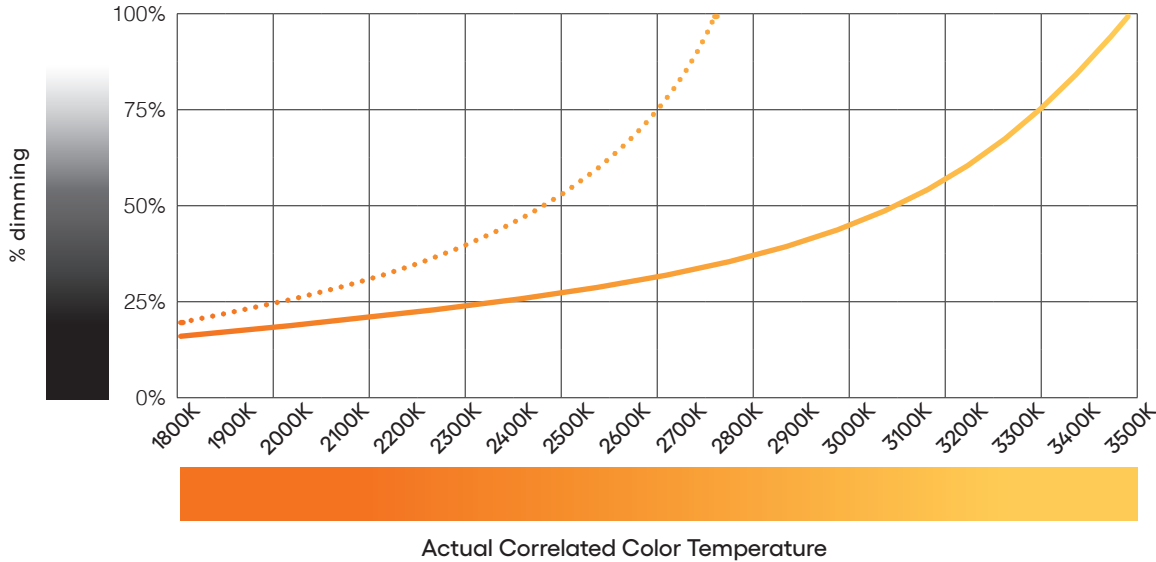
Lucetta Lighting	Voltage	Model	Lumens	Dimming Profile	Run Length (ft.)	Channel	Finish	Mounting	Driver	
VIP	-	-	-	-	-	-	-	-	-	
	24	CEL	100	DW1827 DW2035	Run Length (ft.)	SL* SQ* 45* DUO REC	DME SCNC SQ20 RC20 CA	AL WH BL UC RC	3M VC MC HNG RC	Justin (JUS MAG)

Example: VIP-24CEL100-DW1827-48-SL-AL-3M-JUS MAG

*\*Black and White Channel Color options only available for (SL) Slim, (SQ) Square, & (45) 45 Degree.*

Warranty	12 Years			
VIP-24CEL100	(1800K-2700K)		(2000K-3500K)	
Wattage	1.8W/ft.			
Lumens <sup>1</sup>	1800K	20 Lm/ft.	2000K	21 Lm/ft.
	2200K	41 Lm/ft.	2700K	51 Lm/ft.
	2700K	123 Lm/ft.	3500K	154 Lm/ft.
Max Run <sup>4</sup>	30 feet			
Dimensions	0.474 x 0.05 in. (W x H)		0.375 x 0.05 in. (W x H)	
Luminous Efficacy <sup>2</sup>	51.7 - 55.5 Lm/W.		56.8 - 58.33 Lm/W.	
CRI	95			
SDCM Steps <sup>3</sup>	Single Step MacAdam Ellipse - True Single Binning			
Voltage	24VDC			
Cut Points	2 in.			
LED Chips	72/ft.			
Dimmable	Yes - MLV only			
Field Cuttable	Yes			
Environment	Dry / Damp Location, no direct UV exposure (IP20)			
Certification	UL Listed 2108, RoHS, Title 24 - JA8 <sup>5</sup>			
Gold Plated PCB	Yes			

## Color Temperature vs Dimming Range



## Recommended Drivers

(For use with drivers not listed here, please call Customer Service at 877-817.6028)

SKU	WATTAGE	INPUT VOLTAGE	LENGTH	WIDTH	HEIGHT
<b>JUSTIN Inc. MAGNETIC DRIVERS</b> Optimal dim to dark 24V Dimmable MLV Drivers.					
481-24DCR	48W	120VAC	11.25 in.	3.37 in.	3.25 in.
482-24DCR-240	48W	240VAC	11.25 in.	3.37 in.	3.25 in.
483-24DCR-277	48W	277VAC	11.25 in.	3.37 in.	3.25 in.
961-24DCR	96W	120VAC	11.25 in.	3.37 in.	3.25 in.
962-24DCR-240	96W	240VAC	11.25 in.	3.37 in.	3.25 in.
963-24DCR-277	96W	277VAC	11.25 in.	3.37 in.	3.25 in.



## Recommended Channel Profiles

(For use with channels not listed here, call Customer Service at 877-817.6028)

NAME	SKU	DOTLESS (full diffusion)
Canal (CAN) 48", 72", 96" Aluminum	DI-CPCHB-CAN	Yes
20mm Rounded (RC20) 48", 72", 96" Aluminum	DI-CPCHB-RC20	Yes
20mm Square (SC20) 48", 72", 96" Aluminum	DI-CPCHB-SQC20	Yes
Square (SQ) 48", 72", 96" Aluminum, White, Black	DI-CPCHA-SQ	Yes
Slim (SL) 48", 72", 96" Aluminum, White, Black	DI-CPCHA-SL	Yes
45 Degree (45) 48", 72", 96" Aluminum, White, Black	DI-CPCHA-45	Yes
Sconce (SCNC) 48", 72", 96" Aluminum	DI-CPCHB-SCNC	
Recessed (REC) 48", 72", 96" Aluminum	DI-CPCHB-REC	

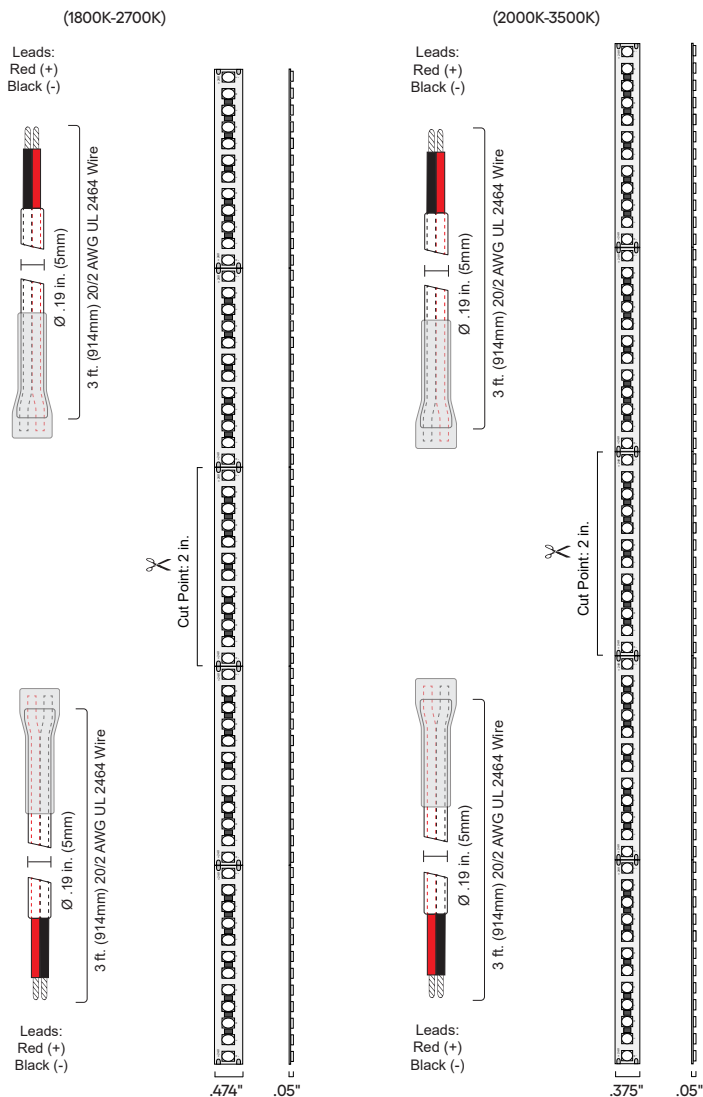
## Compliance & Regulatory Approvals

- Meets the following certifications when installed with compatible UL Listed tape light:
  - UL Listed 2108 Flexible Lighting Systems. Certified for United States and Canada. File # E506975.

## 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.

## Mechanical Diagrams



## Limited Warranty

- 12 Years

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.dioded.com/limited-warranty/](http://www.dioded.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.