



**diode led**<sup>®</sup>  
a division of elemental LED

**2019**

**LED LIGHTING SOLUTIONS**

RETAIL · COMMERCIAL · RESIDENTIAL



[www.DiodeLED.com](http://www.DiodeLED.com)



*A great success and wonderful turnout at our Reno Headquarters Grand Opening Reception*

*Champagne skirt lit by Diode LED RGB Tape Light*



*Employees coming together to make lunches for RISE (Reno Initiative for Shelter and Equality) charitable lunch bags*



*Over 200 lunch bags made*



## OUR GUIDING PRINCIPLE

As we look ahead to a bright future, we realize that there have been several momentous occasions to reflect upon in 2018. There is one, however, that stands out far above the rest. Earlier this year, Elemental LED was awarded the **coveted Company of the Year award** by EDAWN – the Economic Development Authority of Western Nevada. Close to 50 companies were recognized for their valuable contributions and success in the areas of partnership with education, philanthropic support of the community, investment in their employees, long standing presence in the region, and outstanding contributions to the growth and economic prosperity of the region.

To be nominated and selected amongst the many exceptional companies – Amazon, Microsoft, Zazzle Inc., Patagonia, Server Technology, Panasonic Energy of North America to name a few – was a **proud moment for our team**.

However, we are most proud to be recognized with this award for our **strong focus on an employee first culture**. Our fundamental guiding principle is that our employees have a fantastic work/life balance

that supports a lifestyle in which time is spent with family and friends outside of normal work hours. Most importantly, our employees are provided with a **broad range of professional, educational and personal opportunities for growth** within an inspiring and collaborative company culture that breeds happy and engaged employees who enjoy coming to work each day.

**We believe that happy and engaged employees are the foundation of a successful company.** And with a strong foundation, employees are empowered to build solid, lasting relationships with you, our customers, and deliver the best-in-class customer experience that our Company has become known for. Happy employees **go the extra mile** to make sure your questions are answered and offer knowledgeable solutions to challenging situations. In a nutshell, we think we are **likeable people that work at a great company with premium, quality lighting solutions**. And it's our mission to make sure you feel the same way.

*- The team at Elemental LED*



COMPANY  
— of the —  
YEAR  
AWARD



*We always look forward to sharing our knowledge and showcasing new products at our training events in Reno, NV*



# INTELLECTUAL PROPERTY

**PATENTED**

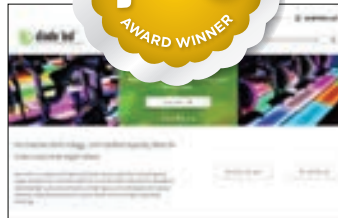
**DOZENS OF PATENTS FOR PRODUCTS THAT MATTER**

Our extensive research and development blazes new trails in the creation of marketable products and solutions. We have dozens of issued and pending patents in our Intellectual Property (IP) portfolio.

Our patents deliver innovation and products that you won't find anywhere else. We take pride that Elemental LED represents innovation and technology to the lighting industry.

# AWARDS & RECOGNITION

We continually strive to expand the capabilities of our product line with innovative and patented solutions that shape the future of LED lighting. The recognition by the lighting industry and our peers is testament that the talented engineering and technology team at Elemental LED is leading the way in solving industry wide challenges that face consumers. We are honored to have multiple products win or selected as finalists for these coveted award programs over the last year.



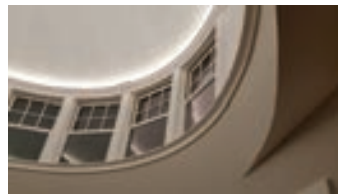
Website Redesign



ENVI-Light® Color Tunable Mirror



SPOTMOD® SLIK LED Panel Lights



BLAZE™ 24V Tape Light – Home Cove Lighting



INFINILINE® X LED Strip Light



INFINILINE® X LED Strip Light



OMNIDRIVE® 2 Electronic Dimmable Driver



2018 Diode LED Catalog



DOUBLE BLAZE™ Tape Light – Store Displays



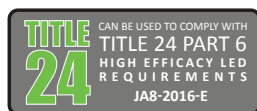
# CERTIFICATION & COMPLIANCE

Proper product certification and compliance is extremely important to the safety and success of your project. To protect your installation, you need to know the **exact certification standard** of the product you are purchasing and for which approved applications. It's often difficult for consumers to stay current on compliance in an industry that is consistently updating and creating new regulations. Elemental LED stays on top of this and holds its **products and technology to the highest standard of excellence**, which is not the case with all products in the market. Misleading claims often result in failed inspections or even unsafe installations that incur cost and resources to repair.

**We are deeply committed to safety.** The vast majority of our products are certified to comply with relevant industry safety and performance standards by Underwriters Laboratories (UL) or Intertek (ETL), two nationally-recognized testing laboratories (NRTLs) accepted by the federal Occupational Safety and Health Administration (OSHA), and other regulatory agencies. You can trust all our listed certifications are accurately stated.

Our production facility and processes are **regularly inspected by both UL and Intertek**. Many of our products comply with a number of energy efficiency and other standards such as meeting both UL and Class 2 requirements for low-voltage circuits. See the chart to the right for an overview of product certifications we hold.

## CODE COMPLIANCE



### Title 24, Part 6

2016 building energy efficiency standards for residential and non-residential buildings.

#### JA8

Provides qualification requirements for high efficacy light sources certified by the Energy Commission. Qualification requirements include: Luminous Efficacy, Color Characteristics, Life Testing, and Power Factor, among others.

#### JA10

Quantifies flicker from lighting systems by measuring the fluctuation of light from lighting systems. Tested with a driver, light source, and dimmer at various frequencies dimmed down to certain levels.

## PRODUCT SAFETY CERTIFICATION



Underwriters Laboratories UL Listing Mark for United States and Canada. This is an updated Listing Mark that has the same credentials as the standard UL Listed Mark below.



UL Listing means that UL has tested representative samples of a product and determined that it meets UL's requirements. These requirements are often based on UL's published and nationally recognized Standards for Safety.



UL Component Recognition means that UL has evaluated components or materials intended for use in a complete product or system. These components are intended only for end-use products that may be eligible for UL certification.



Intertek Laboratories ETL Listed Mark for United States and Canada.



The Conformité Européene CE Mark indicates products sold in the European Economic Area (EEA) have been assessed to meet high safety, health and environmental protection requirements.



The Design Lights Consortium is a voluntary certification initiative for LED technology requiring lighting products to comply with minimum performance standards in three critical areas: distribution, color, and longevity/stress.

# QUALITY OF LIGHT

## THE IMPORTANCE OF QUALITY COLOR RENDERING

Quality color rendering is an important aspect of a light source as the light will reveal colors of objects accurately in comparison with an ideal or natural light source (daylight or incandescent bulb). A source with poor color rendering may cause objects to appear dull and unsaturated (see image below) or overly saturated and unnatural. Many artificial light sources have lower CRIs that will mute colors in food, artwork and skin tones, making them appear less vibrant. We use very high CRIs, typically in the range of 80-98 CRI, to assure that colors are rendered vibrantly and true.



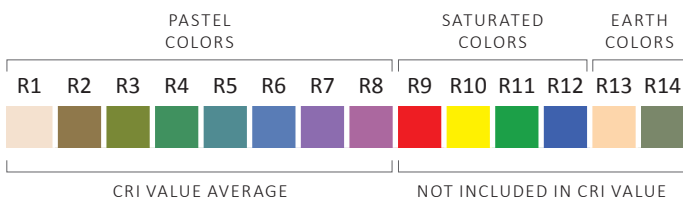
HIGH CRI

LOW CRI

## A FAMILIAR COLOR RENDERING TOOL: CRI

The most familiar calculator is CRI (Color Rendering Index), which has been utilized to measure color rendering properties of light sources for over 50 years. CRI has been widely adopted in the lighting industry for its ease of use as it only calculates a single metric—Fidelity (Ra). Sunlight has a CRI of 100, the highest mark on the 0-100 scale. CRI is calculated using an average of 8 specific R-values representing 8 different colors within the light spectrum. High R9, R13 and R14 values are particularly important for illuminating skin tones, decorative art and retail merchandise properly. Our products are engineered specifically to deliver high R9, R13 and R14 values to assure your installations deliver superior color rendering.

## A BRIEF LOOK INTO TM-30:



## THE NEXT GENERATION OF COLOR RENDERING

IES TM-30-18 is a new color rendering system that remedies flaws/limitations of CRI, providing complementary and more detailed information that benefits both specifiers and manufacturers. The much wider range of colors is a more accurate reflection of the real world – allowing you to show detailed colors for skin tones, wood grains, decorative art, furnishings, merchandising and more.

While CRI isn't going anywhere soon, it's important to familiarize yourself with the new TM-30 metrics as they will become more common in years to come.

A combination of TM-30's Fidelity (Rf), Gamut (Rg) and Color Vector Graphic will help further clarify beyond the typical CRI metric how a test source compares to a reference source.

## WHERE CAN YOU FIND TM-30 DATA FOR DIODE LED PRODUCTS?

TM-30 data including the metrics above and other useful graphics are available for Diode LED's premier lines of lighting products at [www.DiodeLED.com](http://www.DiodeLED.com). Remember, not all applications require the highest quality lighting i.e. garages, warehouses and some outdoor environments. We can help you find the right light for the right application. Additionally, you can count on Diode LED to be at the forefront of understanding and implementing the latest technology to provide superior and quality products.

## CRI VS TM-30 RENDERING TOOLS

### CIE 13.3-1995 (CRI/Ra)

- Last major update was in 1976
- 8 main color samples (Ra), 6 special samples
- Measures Fidelity (Ra) only

### IES TM-30-18

- Released in 2015
- 99 color samples
- Measures Fidelity (Rf), Gamut (Rg) and includes Color Vector Graphic for detailed hues

## TM-30 COLOR CHART

*TM-30 measures against 99 color samples, all used to provide Fidelity (Rf), Gamut (Rg) and Color Vector Graphics.*

Visit us at [www.DiodeLED.com](http://www.DiodeLED.com) to find up-to-date technical information about our products, including information about quality of light, compatibility charts, specification sheets, photometric data, wiring diagrams, educational tutorials, videos and more.





## Assembled in the USA in Reno, NV

Our extensive inventory, cutting-edge equipment, work flow management and production capabilities create an efficient, state-of-the-art manufacturing facility in where we assemble quality Diode LED products. We know first-hand the **benefits of manufacturing in the USA – innovation, quality control,**

**continuous improvement, and the growth of a skilled workforce.** Additionally, our customers benefit with products that are faster to market, wider variety of options, and tailored to their exact specifications.



Tailored Fixtures with CHROMAPATH® Channels  
HYDROLUME® SLIM Strip Light  
INFINILINE® X Strip Light  
VOLANTE™ Flood and Canopy Lights



Tailored Tape Light  
NEON BLAZE™ LED Lighting  
Driver Junction Box Combos  
LED Light Guide Panels

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# FINDING THE RIGHT LIGHT

## THE DIODE LED TAPE LIGHT FAMILIES

### X-RANGE™

The all new precision engineered **BLAZE X** and **VALENT X** are the newly enhanced LED tape light, leading the industry in lighting performance and quality.

- 12-Year warranty
- 95+ CRI/ 90+ R9
- Lumen range 100–800
- Longer lifetime of consistent color fidelity
- Spec-Ready
- Title 24 Compliant

### BLAZE™ BASICS

The new value engineered tape light leveraging the advances in efficient, cleaner technology, newer circuit design, streamlined manufacturing, and economies of scale.

- 7-Year warranty
- 90+ CRI
- Task and display lighting
- 3 CCTs
- Competitive price
- Title 24 Compliant

## MORE FAMILIES

**NEON BLAZE™** - Total light diffusion in a flexible form factor

**HYDROLUME®** - Durable for extreme weather and submersible

**INFINILINE® X** - UL Listed 120V LED lighting

**DAZZLE®** - Color changing linear lighting

**SQUIGGLY™** - Dual axis flexibility for unconventional applications

# LINEAR LED LIGHTING

Diode LED is the premier manufacturer of tape and strip light, providing the highest-quality and largest selection of linear LED lighting solutions on the market today. Whether your project requires ambient, task or accent lighting, your environment is indoors or out, we have linear LED lighting solutions that deliver the appropriate brightness, color rendering and run length for your application. We have the perfect solution to illuminate your space.

#### A X-RANGE TAPE LIGHT

The best selling tape light from Diode LED just got better. See what the latest LED technology has to offer from BLAZE™ X & VALENT® X. (Page 16)

#### B NEON BLAZE™

Bright and colorful lighting with total diffusion. (Page 32)

#### C INFINILINE® X

Continuous UL Listed 120V linear illumination up to 200 feet. New mounting options make install easy and adjustable. (Page 28)

#### D BLAZE™ BASICS

Great quality with value engineering makes this tape light a true workhorse product. (Page 20)

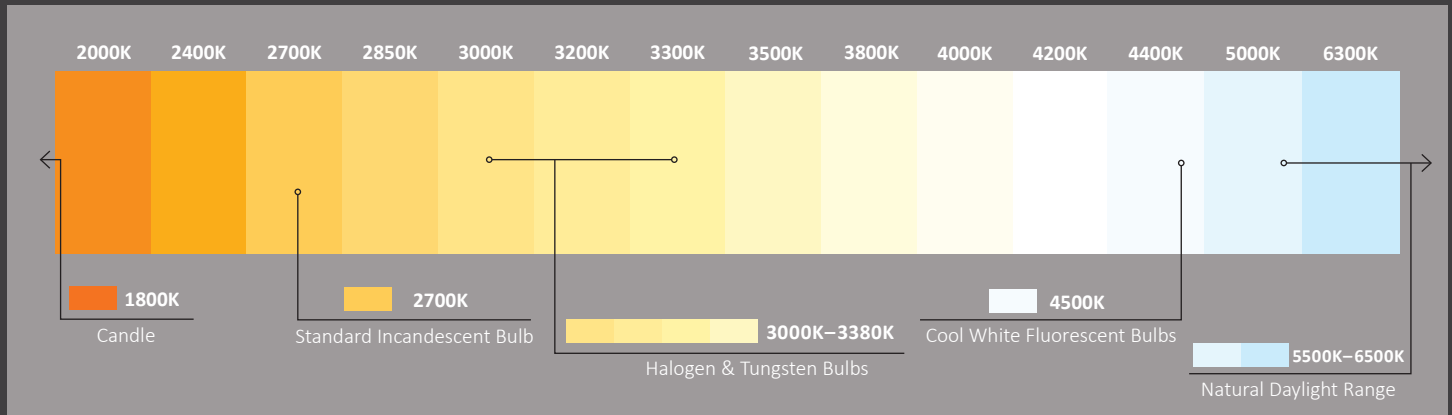
*For tailored lengths options!  
Look for this icon!*



# QUALITY LED TAPE LIGHT

Diode LED tape light is available in a wide variety of color temperatures, able to simulate everything from a standard incandescent bulb to natural daylight. At every color temperature, Diode LED tape light is engineered for accurate, true-to-life color rendering. Sources with poor color rendering may cause objects to appear dull and unsaturated or overly saturated and unnatural. Precision manufacturing and rigorous testing, outlined below, are used to ensure that colors are rendered vibrantly and true.

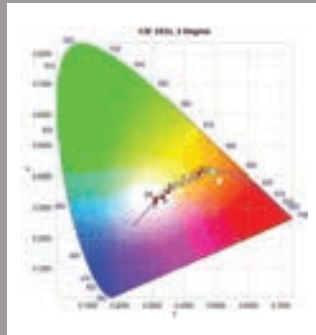
## ✓ WHITE LIGHT SPECTRUM



## ✓ PHOTOMETRIC EVIDENCE

LED Lighting performance data comes in many forms. Diode LED relies on **LM-79 Reports** and **TM-30 Metrics** for photometric and performance evaluation of solid-state lighting products. This data covers many specifications including the items mentioned below.

- LUMINOUS INTENSITY DISTRIBUTION**
- COLOR CHARACTERISTICS**
- EFFICACY**
- TOTAL FLUX**
- ELECTRICAL POWER**

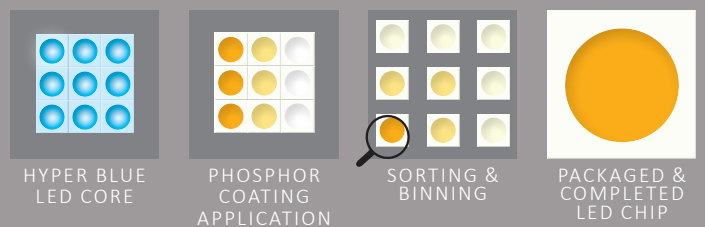


## ✓ PRECISION MANUFACTURING

### PRODUCTION OF DIODE LED TAPE LIGHT STARTS WITH QUALITY LED CHIP SELECTION

- LUMEN OUTPUT (LUX)**
- COLOR RENDERING INDEX (CRI)**
- CORRELATED COLOR TEMPERATURE (CCT)**

### PRODUCTION OF DIODE LED TAPE LIGHT



To learn more, visit our website at [www.DiodeLED.com/quality-of-light](http://www.DiodeLED.com/quality-of-light)

# MANUFACTURING PROCESS



**PHOSPHOR APPLICATION.** Phosphor Injection creates the most precise photometric output with state-of-the-art technology and yields less waste than traditional spray-coat methods.



**QUALITY CHECK.** LEDs are inspected by engineers for physical or electrical flaws and irregularities before the sorting process begins.



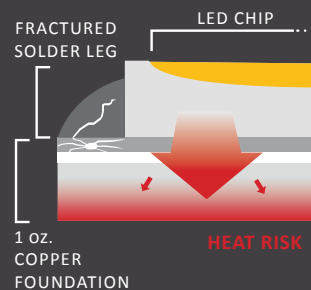
**SORTING & BINNING.** Each LED chip is sorted and measured by high-precision cameras and computer systems to collect LEDs into batches for accuracy of Correlated Color Temperature (CCT) and Color Rendering Index (CRI) measurements.

# GREAT TAPE LIGHT STARTS WITH THE FOUNDATION

Diode LED engineering and manufacturing delivers reliable, high-performing circuit boards offering industry-leading durability and features, including the market's longest maximum run tape light.



## COMPETITOR TAPE LIGHT



### INFERIOR LED TAPE LIGHT POINTS OF FAILURE

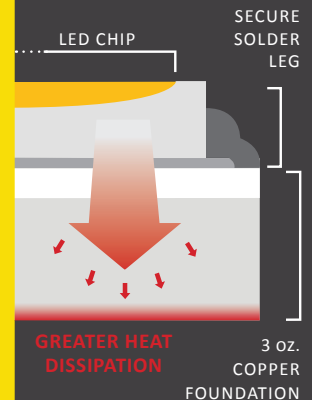
Temperature damage to LED

Stress fractures from weak connections

Fire or burn-out risk from excessive heat build-up

Varied production quality

## DIODE LED TAPE LIGHT



### DIODE LED TAPE LIGHT OPTIMAL PERFORMANCE

Stronger connections and resilient design

Greater heat dissipation for safety and performance

Increased electricity flow for longer runs

Precise and uniform quality control



To learn more, visit our website at [www.DiodeLED.com/quality-of-light](http://www.DiodeLED.com/quality-of-light)

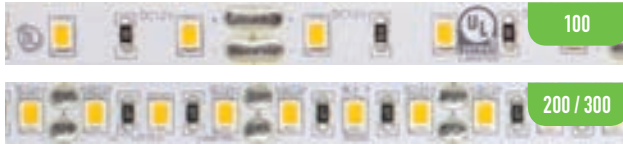
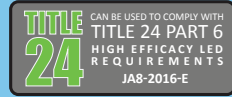


# LINEAR LED LIGHTING COMPARISON CHART

## X-RANGE™

The all new precision engineered **BLAZE X** and **Valent X** are the newly enhanced LED tape light, leading the industry in lighting performance and quality.

- 12-Year warranty
- 95+ CRI/ 90+ R9
- Longer lifetime of consistent color fidelity
- Lumen range 100–800
- Spec-Ready



## BLAZE™ X LED Tape Light

Page 16

100 LUMEN RANGE		12VDC Max. Run: 37 ft. Cut Points: 2 in. Wattage: 1.54W/ft.	24VDC Max. Run: 70 ft. Cut Points: 4 in. Wattage: 1.54W/ft.
CCT	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.
2700K	109	112	
3000K	122	126	
3500K	126	131	
4200K	127	133	
5000K	128	135	

200 LUMEN RANGE		12VDC Max. Run: 22 ft. Cut Points: 1 in. Wattage: 3.1W/ft.	24VDC Max. Run: 45 ft. Cut Points: 2 in. Wattage: 3.1W/ft.
CCT	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.
2700K	221	224	
3000K	247	253	
3500K	241	254	
4200K	254	264	
5000K	262	264	

300 LUMEN RANGE		12VDC Max. Run: 20 ft. Cut Points: 1 in. Wattage: 4.3W/ft.	24VDC Max. Run: 40 ft. Cut Points: 2 in. Wattage: 4.3W/ft.
CCT	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.
2700K	305	318	
3000K	339	360	
3500K	352	357	
4200K	349	365	
5000K	358	378	



## VALENT® X LED Tape Light

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500 LUMEN RANGE		24VDC Max. Run: 30 ft. Cut Points: 1.34 in. Wattage: 4.6W/ft.
CCT	LUMENS / FT.	LUMENS / FT.
2400K	469	
2700K	495	
3000K	557	
3500K	586	
4200K	550	
5000K	592	
6300K	578	

800 LUMEN RANGE		24VDC Max. Run: 19 ft. Cut Points: 1.34 in. Wattage: 7.2W/ft.
CCT	LUMENS / FT.	LUMENS / FT.
2400K	730	
2700K	782	
3000K	853	
3500K	906	
4200K	850	
5000K	840	
6300K	924	

## CAN'T FIND THE TAPE LIGHT YOU'RE LOOKING FOR?

**BLAZE™ X** and **VALENT® X** represent the latest tape light technology from Diode LED. Legacy tape light **FLUID VIEW®** / **BLAZE™** / **DOUBLE BLAZE™** / **ULTRA BLAZE™** / **VALENT®(HD)** / **AVENUE 24®** is still available and found on pages 160.

**ENVIRONMENT NOTE:** Some of our indoor tape light is UL tested and certified for damp location installations. Please refer to the specification sheets for details on environmental ratings.

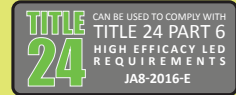


# LINEAR LED LIGHTING COMPARISON CHART

## BLAZE™ BASICS

The new value engineered tape light leveraging the advances in efficient, cleaner technology, newer circuit design, streamlined manufacturing, and economies of scale.

- 7-Year warranty
- 90+ CRI
- Task and display lighting
- 3 CCTs
- Competitive price



### BLAZE™ BASICS LED Tape Light

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100 LUMEN RANGE		12VDC Max. Run: 27 ft. Cut Points: 2 in. Wattage: 1.46W/ft.	24VDC Max. Run: 55 ft. Cut Points: 4 in. Wattage: 1.46W/ft.
CCT	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.
2700K	117	113	
3000K	121	117	
5000K	130	132	

200 LUMEN RANGE		12VDC Max. Run: 20 ft. Cut Points: 1 in. Wattage: 2.93W/ft.	24VDC Max. Run: 40 ft. Cut Points: 2 in. Wattage: 2.93W/ft.
CCT	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.
2700K	212	233	
3000K	221	237	
5000K	256	261	



### BLAZE™ BASICS Wet Location LED Strip Light

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100 LUMEN RANGE		12VDC Max. Run: 27 ft. Cut Points: 2 in. Wattage: 1.46W/ft.	24VDC Max. Run: 55 ft. Cut Points: 4 in. Wattage: 1.46W/ft.
CCT	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.
2700K	107	106	
3000K	116	114	
5000K	116	114	

200 LUMEN RANGE		12VDC Max. Run: 20 ft. Cut Points: 1 in. Wattage: 2.93W/ft.	24VDC Max. Run: 40 ft. Cut Points: 2 in. Wattage: 2.93W/ft.
CCT	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.
2700K	206	209	
3000K	221	226	
5000K	227	224	



### SQUIGGLY™ LED Tape Light

Page 24

100 LUMEN RANGE		12VDC Max. Run: 10 ft. Cut Points: 1.6 in. Wattage: 2.3W/ft.
CCT	LUMENS / FT.	LUMENS / FT.
2700K	144	
3000K	158	
5000K	181	

### SQUIGGLY™ Wet Location LED Strip Light

Page 24

100 LUMEN RANGE		12VDC Max. Run: 10 ft. Cut Points: 1.6 in. Wattage: 2.3W/ft.
CCT	LUMENS / FT.	LUMENS / FT.
2700K	149	
3000K	163	
5000K	182	

**ENVIRONMENT NOTE:** Some of our indoor tape light is UL tested and certified for damp location installations. Please refer to the specification sheets for details on environmental ratings.









## INFINILINE® X 120V LED Strip Light

Page 28

Our patented INFINILINE X LED Strip Light is a complete and robust solution for large-scale and commercial applications.

**120VAC**

Max. Run: 200 ft.

CCT	LUMENS / FT.
 2700K	452
 3000K	502
 3500K	461
 4000K	462
 4500K	443
 6000K	510






**PLUG-IN & HARD-WIRED CONNECTIONS AVAILABLE**



## HYDROLUME® SLIM LED Strip Light

Page 30

HYDROLUME® SLIM and SLIM HD LED Strip Light are the ultimate lighting solution for harsh environments. IP65 or IP68 options.

CCT	HYDROLUME® SLIM	24VDC Max. Run: 65 ft. Cut Points: 9.84 in. Wattage: 1.22W/ft.	HYDROLUME® SLIM HD	24VDC Max. Run: 32 ft. Cut Points: 6.88 in. Wattage: 2.44W/ft.
 2700K	113		226	
 3000K	113		226	
 4000K	122		244	
 6500K	122		244	
 RGB				<b>Wattage:</b> 3W/ft. <b>Max Run:</b> 26 ft. <i>Factory Custom Lengths Only</i>



# NEON BLAZE™ LED Light

Page 32

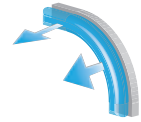


Bring the ultimate accent lighting into your project. With Zero Line Diffusion™ technology, color saturation from end to end.

## TOP EMITTING



## SIDE EMITTING



CCT	TOP EMITTING			SIDE EMITTING		
	24VDC Max Run: 65 ft. Wattage Power: 1.22W/ft.	24VDC Max Run: 32 ft. Wattage Power: 2.44W/ft.	24VDC Max Run: 16 ft. Wattage Power: 4.4W/ft.	24VDC Max Run: 65 ft. Wattage Power: 1.22W/ft.	24VDC Max Run: 32 ft. Wattage Power: 2.44W/ft.	24VDC Max Run: 16 ft. Wattage Power: 4.4W/ft.
2700K	86	173	248	62	134	208
3500K	89	178	273	60	120	195
6300K	88	174	266	59	116	173
Green	88	148	151	30	48	78
Blue	18	30	37	6	12	18
Purple	3.5	5.5	4	1.5	2.5	2
Pink	39	93	110	17	37	53
Red	31	61	64	11	21	34
Gold	70	157	184	31	61	84
RGB				Max Run: 65.6 ft. Wattage Power: 1.22W / ft. <i>Factory Custom Lengths Only</i>		
					Max Run: 16.4 ft. Wattage Power: 4.4W / ft. <i>Factory Custom Lengths Only</i>	



# DAZZLE® Color Changing LED Light

Page 36-41

Color Changing LED lighting has never been this dependable or easy to install.

	DAZZLE® RGB	DAZZLE® RGBW	DAZZLE® RGBW 4D
RGB	24VDC  Max. Run: 16 ft. Cut Points: 4 in. Wattage: 4.32W/ft.	24VDC	24VDC
RGBW		Max. Run: 20 ft. Cut Points: 8 in. Wattage: 4.39W/ft.	Max. Run: 16.4 ft. Cut Points: 4 in. Wattage: 6.4 W/ft.

ACTUAL SIZE

100

200 / 300



Broll Wine Tasting Room,  
Murphys, CA

# BLAZE™ X

## LED TAPE LIGHT

WHEN PRECISION  
PERFORMANCE MATTERS...  
**X IS THE CHOICE**

The all new precision engineered BLAZE X is the newly enhanced LED tape light, leading the industry in lighting performance and quality. BLAZE X has 95+ CRI and higher R-Values that provides precision color rendering, superior long-lasting performance, and all with the Diode LED 12-year warranty. The X Series comes in a vast variety of higher efficiency lumen outputs for any application. You won't find a more superior tape light in the market today.

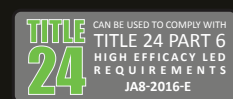
### FEATURES & BENEFITS

- 95+ CRI
- 12V and 24V platforms
- Heavy-duty copper PCB for long lasting performance
- Some R values up to 100





### QUICK SPECS

<b>Voltage</b>	12VDC & 24VDC
<b>CRI</b>	95+
<b>Warranty</b>	12-Year Warranty
<b>Dimming</b>	Dimmable
<b>Environment</b>	Indoor / Damp Location
<b>Certification</b>	UL Listed 2108

Visit the product page on the website for specification sheets, install guides, IES files and photometric reports.



# BLAZE™ X LED TAPE LIGHT

		100 LUMEN RANGE		200 LUMEN RANGE		300 LUMEN RANGE	
		- 12V - - BLX1 -	- 24V - - BLX1 -	- 12V - - BLX2 -	- 24V - - BLX2 -	- 12V - - BLX3 -	- 24V - - BLX3 -
		Max. Run: 37 ft. Cut Points: 2 in. Wattage: 1.54W/ft.	Max. Run: 70 ft. Cut Points: 4 in. Wattage: 1.54W/ft.	Max. Run: 22 ft. Cut Points: 1 in. Wattage: 3.1W/ft.	Max. Run: 45 ft. Cut Points: 2 in. Wattage: 3.1W/ft.	Max. Run: 20 ft. Cut Points: 1 in. Wattage: 4.3W/ft.	Max. Run: 40 ft. Cut Points: 2in. Wattage: 4.3W/ft.
CCT		LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.
	2700K	109	112	221	224	305	318
	3000K	122	126	247	253	339	360
	3500K	126	131	241	254	352	357
	4200K	127	133	254	264	349	365
	5000K	128	135	262	264	358	378

TAPE LIGHT CONNECTORS FOUND ON PAGE 114 - 116

SKU BUILDER EQUATION  
PLEASE REVIEW THE MAX RUN FOR EACH WATTAGE BEFORE BUILDING YOUR SKU.

DI	-	VOLTAGE	-	MODEL	-	COLOR	-	LENGTH
						27 (2700K)		
						30 (3000K)		
DI	-	12V (12VDC)	-	BLX1 (100 Lumen Range)	-	35 (3500K)	-	016 (16.4 ft.)
		24V (24VDC)	-	BLX2 (200 Lumen Range)	-	42 (4200K)	-	100 (100 ft.)
				BLX3 (300 Lumen Range)		50 (5000K)		

EXAMPLE:

24V BLAZE® X 300 LUMENS  
5000K 16.4 FT. SPOOL  
DI-24V-BLX3-50-016

DI	-	24V	-	BLX3	-	50	-	016
DI	-		-		-		-	



CAN BE USED TO COMPLY WITH  
JA8 HIGH EFFICACY LED LIGHTING UNDER  
2016 TITLE 24, PART 6

For a full list of Diode LED products visit the  
**CALIFORNIA ENERGY COMMISSION DATABASE**  
<https://cacertappliances.energy.ca.gov/Pages/ApplianceSearch.aspx>  
(search for 'DIODE LED' under the 'COMPANY' tab)



Call For Details



ACTUAL SIZE



# VALENT® X

## LED TAPE LIGHT

TOTALLY DIFFUSED

### LINEAR HIGH OUTPUT LIGHT

New and improved design with optimal performance. Now field-cutttable! VALENT X LED Lighting is a linear lighting solution designed and engineered to provide high quality natural LED light with total linear diffusion.

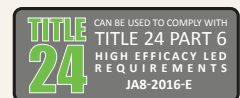
#### FEATURES & BENEFITS

- 500 and 800 lumen outputs
- 95+ CRI: Superior color rendering
- New and improved, field cuttable design
- High R9–R13 values
- Zero Line Diffusion™
- Ultra high lumen output



#### QUICK SPECS

<b>Voltage</b>	24VDC
<b>CRI</b>	95+
<b>Warranty</b>	12-Year Warranty
<b>Dimming</b>	Yes
<b>Environment</b>	Indoor / Dry Location
<b>Certification</b>	UL Listed 2108

Visit the product page on the website for specification sheets, install guides, IES files and photometric reports.



# VALENT® X LED TAPE LIGHT

500 LUMEN RANGE		800 LUMEN RANGE	
- 24V - - VLX5 -		- 24V - - VLX8 -	
Max. Run: 30 ft. Cut Points: 1.34 in. Wattage: 4.6W/ft.		Max. Run: 19 ft. Cut Points: 1.34 in. Wattage: 7.2W/ft.	
CCT	LUMENS / FT.	LUMENS / FT.	
 2400K	469	730	
 2700K	495	782	
 3000K	557	853	
 3500K	586	906	
 4200K	550	850	
 5000K	592	840	
 6300K	578	924	

**TAPE LIGHT CONNECTORS FOUND ON PAGE 114**

**SKU BUILDER EQUATION**  
PLEASE REVIEW THE MAX RUN FOR EACH WATTAGE BEFORE BUILDING YOUR SKU.

DI	-	VOLTAGE	-	MODEL	-	COLOR	-	LENGTH
						24 (2400K)		
						27 (2700K)		
						30 (3000K)		
DI	-	24V (24VDC)	-	VLX5 (500 Lumen Range)	-	35 (3500K)	-	016 (16.4 ft.)
				VLX8 (800 Lumen Range)		42 (4200K)		100 (100 ft.)
						50 (5000K)		
						63 (6300K)		
<b>EXAMPLE:</b>								
24V VALENT X 800 LUMENS 5000K 16.4 FT. SPOOL								
DI	-	24V	-	VLX8	-	50	-	016
DI	-		-		-		-	



**CAN BE USED TO COMPLY WITH  
JA8 HIGH EFFICACY LED LIGHTING UNDER  
2016 TITLE 24, PART 6**

For a full list of Diode LED products visit the  
**CALIFORNIA ENERGY COMMISSION DATABASE**  
<https://cacertappliances.energy.ca.gov/Pages/ApplianceSearch.aspx>  
(search for 'DIODE LED' under the 'COMPANY' tab)



**Call For Details**

ACTUAL SIZE

100

200

# BLAZE™ BASICS

## LED TAPE LIGHT

VALUE ENGINEERED WITH  
NEXT GENERATION  
TECHNOLOGIES

BLAZE™ Basics is the value engineered LED tape light leveraging the advances in efficient, cleaner technology, newer circuit design, streamlined manufacturing, and economies of scale. Featuring 90+ CRI, this enhanced version of the popular BLAZE and FLUID VIEW Tape Light families is backed by a 7-year warranty and the well known service and support of Diode LED at an extremely attractive price point. This new low voltage led lighting for indoor task lighting and display lighting is built on the same dependable LED tape and strip light format you are used to working with from Diode LED.

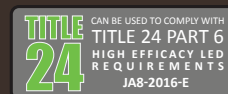
### FEATURES & BENEFITS

- Cost-effective, high quality tape light
- Ideal for cabinetry, toe kicks, coves, and shelving
- Compatible with all Diode LED tape light accessories including CLICKTIGHT® Pro, CHROMAPATH® Channels, SWITCHEX®, OMNIDRIVE®, and many more

### QUICK SPECS




<b>Voltage</b>	12VDC & 24VDC
<b>CRI</b>	90+
<b>Warranty</b>	7-Year Warranty
<b>Dimming</b>	Dimmable
<b>Environment</b>	Indoor / Damp Location
<b>Certification</b>	UL Listed 2108

Visit the product page on the website for specification sheets, install guides, IES files and photometric reports.





# BLAZE™ BASICS LED TAPE LIGHT

100 LUMEN RANGE		200 LUMEN RANGE	
- 12V - - BLBSC1 -		- 24V - - BLBSC1 -	
Max. Run: 27 ft. Cut Points: 2 in. Wattage: 1.46W/ft.		Max. Run: 55 ft. Cut Points: 4 in. Wattage: 1.46W/ft.	
- 12V - - BLBSC2 -		- 24V - - BLBSC2 -	
Max. Run: 20 ft. Cut Points: 1 in. Wattage: 2.93W/ft.		Max. Run: 40 ft. Cut Points: 2 in. Wattage: 2.93W/ft.	
CCT	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.
 2700K	117	113	212
 3000K	121	117	221
 5000K	130	132	256

**TAPE LIGHT CONNECTORS FOUND ON PAGE 114 - 116**

**SKU BUILDER EQUATION**  
PLEASE REVIEW THE MAX RUN FOR EACH WATTAGE BEFORE BUILDING YOUR SKU.

DI	VOLTAGE	MODEL	LUMEN SERIES	COLOR	LENGTH
DI	12V (12VDC) 24V (24VDC)	BLBSC	1 (100 Lumen Range) 2 (200 Lumen Range)	27 (2700K) 30 (3000K) 50 (5000K)	016 (16.4 ft.) 100 (100 ft.)
<b>EXAMPLE:</b>					
24V BLAZE® BASICS 100 LUMENS 5000K 100 FT. SPOOL					
DI	24V	BLBSC1		50	100
DI	-	-	-	-	-

TAILORED LENGTH OPTION 

**Call For Details**



**CAN BE USED TO COMPLY WITH  
JA8 HIGH EFFICACY LED LIGHTING UNDER  
2016 TITLE 24, PART 6**

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**CALIFORNIA ENERGY COMMISSION DATABASE**  
<https://cacertappliances.energy.ca.gov/Pages/ApplianceSearch.aspx>  
(search for 'DIODE LED' under the 'COMPANY' tab)

**COMPATIBLE WITH OUR  
TERMINAL BLOCK CONNECTOR**

Page 114



ACTUAL SIZE

100

200

# BLAZE™ BASICS WET LOCATION LED STRIP LIGHT

*VALUE ENGINEERED  
TO BE MORE EFFICIENT*

BLAZE™ BASICS Wet Location brings moisture protection to the value engineered LED tape light. Just like standard BASICS, it delivers efficient, new circuit design, streamlined manufacturing, and economies to any scale of project. Featuring 90+ CRI, this enhanced version of the popular BLAZE and FLUID VIEW Tape Light families is backed by a 7-year warranty and the well known service and support of Diode LED at an extremely attractive price point. This new low voltage led lighting for indoor task lighting and display lighting is built on the same dependable LED tape and strip light format you are used to working with from Diode LED.

## FEATURES & BENEFITS

- Cost-effective
- Ideal for cabinetry, toe kicks, coves, and shelving
- Compatible with all Diode LED tape light accessories including CHROMAPATH® ELEMENT™ Channels, SWITCHEX®, OMNIDRIVE®, and much more




## QUICK SPECS

<b>Voltage</b>	12VDC & 24VDC
<b>CRI</b>	90+
<b>Warranty</b>	7-Year Warranty
<b>Dimming</b>	Dimmable
<b>Environment</b>	Indoor / Damp Location
<b>Certification</b>	UL Listed 2108

Visit the product page on the website for specification sheets, install guides, IES files and photometric reports.



# BLAZE™ BASICS WET LOCATION LED STRIP LIGHT

		100 LUMEN RANGE		200 LUMEN RANGE	
		- 12V - - BLBSC1 -	- 24V - - BLBSC1 -	- 12V - - BLBSC2 -	- 24V - - BLBSC2 -
		Max. Run: 27 ft. Cut Points: 2 in. Wattage: 1.46W/ft.	Max. Run: 55 ft. Cut Points: 4 in. Wattage: 1.46W/ft.	Max. Run: 20 ft. Cut Points: 1 in. Wattage: 2.93W/ft.	Max. Run: 40 ft. Cut Points: 2 in. Wattage: 2.93W/ft.
CCT	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.
 2700K	107	106	206	209	
 3000K	116	114	221	226	
 5000K	116	114	227	224	

**WET LOCATION TAPE LIGHT CONNECTORS FOUND ON PAGE 118**

**SKU BUILDER EQUATION**  
PLEASE REVIEW THE MAX RUN FOR EACH WATTAGE BEFORE BUILDING YOUR SKU.

DI	VOLTAGE	MODEL	LUMEN SERIES	COLOR	LENGTH
DI	12V (12VDC) 24V (24VDC)	BLBSC	1 (100 Lumen Range) 2 (200 Lumen Range)	27 (2700K) 30 (3000K) 50 (5000K)	W016 (16.4 ft.) W100 (100 ft.)
<b>EXAMPLE:</b>					
12V BLAZE® BASICS WET LOCATION 200 LUMENS 5000K 100 FT. SPOOL DI-12V-BLBSC2-50-W100					
DI	12V	BLBSC2		50	W100
DI					

**TAILORED LENGTH OPTION**  **Call For Details**



**CAN BE USED TO COMPLY WITH  
JAB HIGH EFFICACY LED LIGHTING UNDER  
2016 TITLE 24, PART 6**

For a full list of Diode LED products visit the  
**CALIFORNIA ENERGY COMMISSION DATABASE**  
<https://cacertappliances.energy.ca.gov/Pages/ApplianceSearch.aspx>  
(search for 'DIODE LED' under the 'COMPANY' tab)

ACTUAL SIZE

# SQUIGGLY™

## LED TAPE LIGHT

*WHEN CURVES MATTER*

SQUIGGLY LED tape light excels at lighting complex projects like lettering and signage as well as modern architectural accents. SQUIGGLY is durable for tight bends and has an exceptionally high 95+ CRI.



SQUIGGLY WET LOCATION

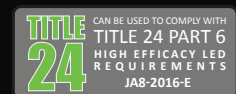
### FEATURES & BENEFITS

- Die-cut articulation points
- Tight bend radius
- 95+ CRI

### QUICK SPECS

<b>Voltage</b>	12VDC
<b>CRI</b>	95+
<b>Warranty</b>	7-Year Warranty
<b>Dimming</b>	Yes
<b>Environment</b>	Indoor
<b>Certification</b>	UL Listed 2108

Visit the product page on the website for specification sheets, install guides, IES files and photometric reports.





# SQUIGGLY™ LED TAPE LIGHT

## INDOOR




- 12V -  
- SQ1 -

Max. Run: 10 ft.  
Cut Points: 1.6 in.  
Wattage: 2.3W/ft.

## WET LOCATION

- 12V -  
- SQ1 - \*\* - W

Max. Run: 10 ft.  
Cut Points: 1.6 in.  
Wattage: 2.3W/ft.

CCT	LUMENS / FT.	
 2700K	144	149
 3000K	158	163
 5000K	181	182

FOR TAILORED LENGTHS AND CONNECTION OPTIONS  
CALL CUSTOMER SERVICE 877.817.6028

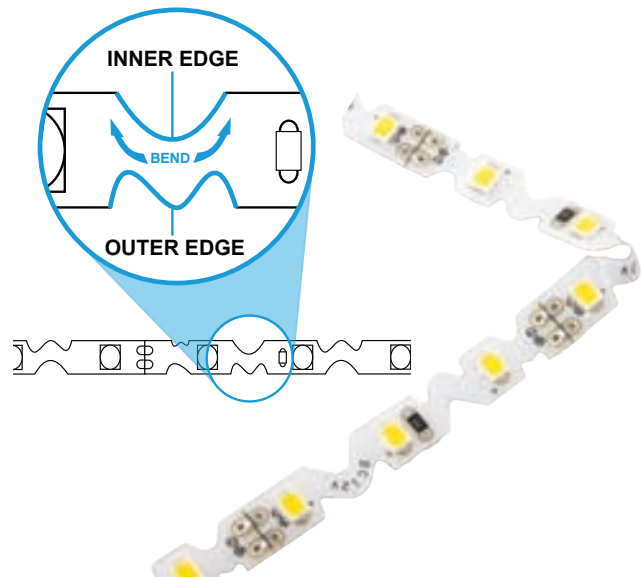
SKU BUILDER EQUATION  
PLEASE REVIEW THE MAX RUN FOR EACH WATTAGE BEFORE BUILDING YOUR SKU.

DI	-	VOLTAGE	-	MODEL	-	COLOR	-	LENGTH
DI	-	12V (12VDC)	-	SQ1 (100 Lumen Range)	-	27 (2700K) 30 (3000K) 50 (5000K)	-	010 (10 ft. - Indoor) W010 (10 ft. - Wet location)

EXAMPLE:  
12V SQUIGGLY™  
WET LOCATION 100 LUMENS  
5000K 10 FT. SPOOL  
DI-12V-SQ1-50-010

DI	-	12V	-	SQ1	-	50	-	W010
DI	-	12V	-		-		-	

TAILORED LENGTH OPTION  Call For Details



CAN BE USED TO COMPLY WITH  
JA8 HIGH EFFICACY LED LIGHTING UNDER  
2016 TITLE 24, PART 6

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CALIFORNIA ENERGY COMMISSION DATABASE  
<https://cacertappliances.energy.ca.gov/Pages/ApplianceSearch.aspx>  
(search for 'DIODE LED' under the 'COMPANY' tab)



Blaze™ Basics  
Reno, NV



VALENT® X  
Shake Shack, Fulton Center, NY



INFINILINE® X  
Reno, NV

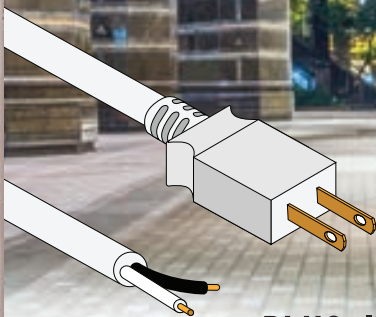


ACTUAL SIZE



## Unparalleled UL Certification & Testing

- UL Listed flexible LED lighting
- Flame test 5VA - fire resistant
- Cold-bend tested - no cracking
- Ball impact tested
- Coil bend tested
- IP65 environmental rating



**PLUG-IN & HARD-WIRED  
CONNECTIONS AVAILABLE**



# INFINILINE<sup>®</sup> X

## DRIVERLESS 120VAC LINEAR LED LIGHTING

Our patented INFINILINE X LED Strip Light is a complete and robust solution for large-scale and commercial applications. The driverless AC power design brings intuitive and labor saving installation to any continuous indoor/outdoor environment up to 200 feet. INFINILINE X is UL Listed to meet updated and new UL standards; making this flexible LED Strip light one of the safest and most advanced LED Lighting products on the market; giving you reliability with high performance. This unique plug-and-go lighting solution works well with any architectural or landscape project with cost-effective, hassle-free installation.

**80% SAVINGS**  
ON INSTALLATION COST OVER MOST  
LOW-VOLTAGE LIGHTING SOLUTIONS

### FEATURES & BENEFITS

- Flame Test 5VA - Fire Resistant
- IP65 & UV Resistant
- 91-95 CRI
- Cold Bend & Ball Impact Tested
- Optional Jumpers for tight corners

### QUICK SPECS

<b>Voltage</b>	120VAC
<b>Max. Run</b>	200 Feet
<b>Field Cuttable</b>	No
<b>Certification</b>	UL Listed 2388 UL Listed 1598 : Certified for Hard-Wired Installations

Visit the product page on the website for specification sheets, install guides, IES files and photometric reports.



# Designed, Developed, and Patented by Diode LED

- **PLUG-IN OR HARD-WIRED CONNECTION**  
Your choice for easy installation
- **SAFETY AND SECURITY IS #1**  
Safe to the touch and rigorously tested to the latest UL standards
- **PATENTED ON-BOARD RECTIFIER**  
No bulky external transformer or surge protector to get in the way of installation
- **IP65 & UV RESISTANT**  
Backed-up by strict internal development









### Mounting Channel & Adjustable Brackets

When ordering INFINILINE X, ask about our mounting options for your unique project.

### WHEN YOU ORDER INFINILINE X, YOU GET...

- » 5 Year limited warranty for the best high voltage LED Tape light on the market
- » Optional factory-sealed jumpers for safely and easily maneuvering sharp corners
- » Floating stress-relief on all connections for durability & reliability

INFINILINE X IS MADE TO ORDER FROM OUR NEVADA OPERATIONS CENTER  
**CALL CUSTOMER SERVICE TODAY FOR A QUOTE - 877.817.6028**

CCT*	CRI	LUMENS / FT.
 2700K	91	452
 3000K	92	502
 3500K	92	461
 4000K	95	462
 4500K	95	443
 6000K	95	510

Product specs subject to change. Contact your account manager for current technical/warranty specifications.

\* CCT range +/- 300K

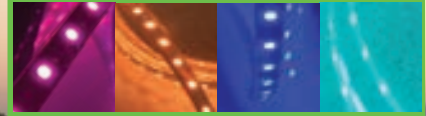


The ONLY UL 2388 Listed, line-voltage flexible LED strip light with max runs up to 200 feet

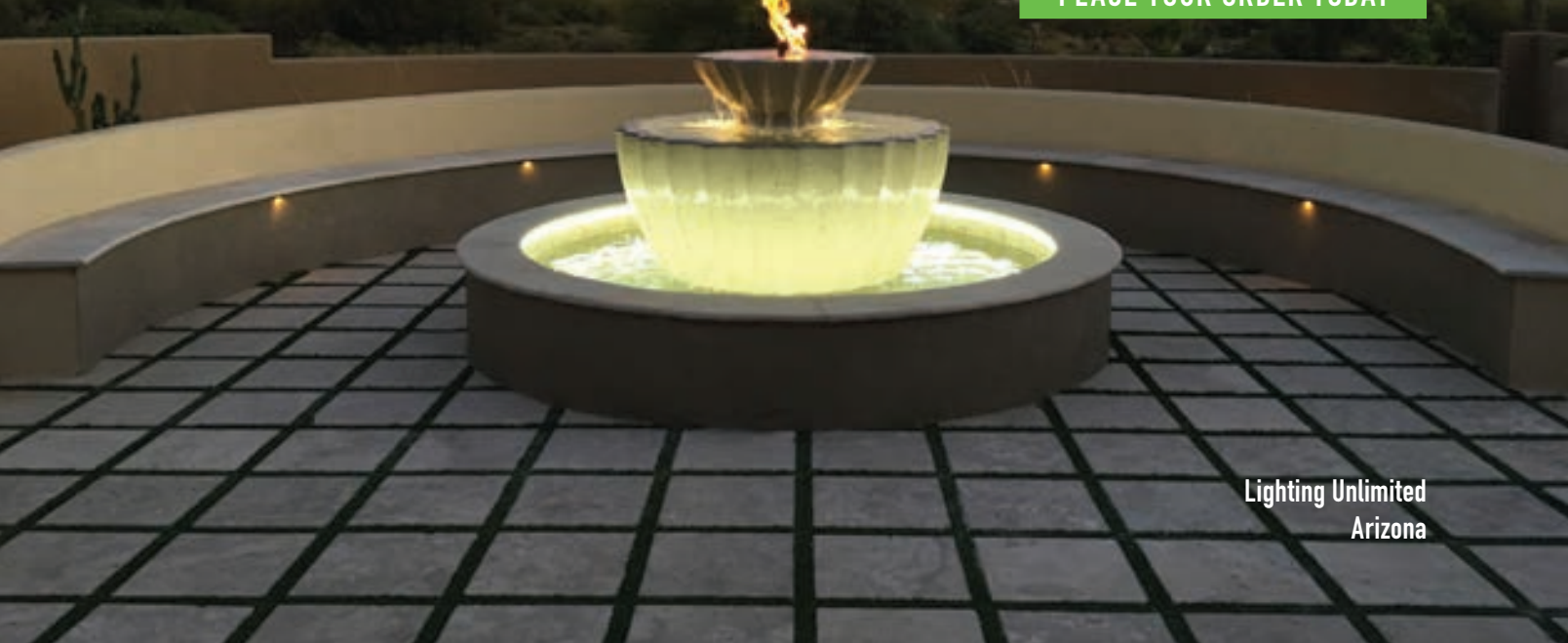
c  us **676**  
LISTED

**RATED FOR POOLS  
& FOUNTAINS**

**NOW AVAILABLE  
HYDROLUME® SLIM RGB**



**PLACE YOUR ORDER TODAY**



Lighting Unlimited  
Arizona

# HYDROLUME® SLIM

HYDROLUME® SLIM and SLIM HD LED Strip Light are the ultimate lighting solution for harsh environments. The HYDROLUME family is resistant to saltwater, water treatment chemicals like chlorine, and is UV resistant for outdoor applications.

Available in your choice of IP ratings..

## FIELD CUTTABLE - IP65

A diverse assortment of accessories support field cutting with multiple mounting options that support most outdoor environments.

## FACTORY TAILORED - IP68 SUBMERSIBLE

Diode LED uses its own patented process to customize and seal HYDROLUME to meet the highest demands of **UL 676** for use in pools and fountains. Call for details and availability.

## FEATURES & BENEFITS

- Wet location rated - IP65 and optional IP68
- UL field cuttable
- Quick and easy installation
- White light & RGB versions

## QUICK SPECS

<b>Voltage</b>	24VDC
<b>Wattage</b>	1.22W/ft. (HYDROLUME SLIM) 2.44W/ft. (HYDROLUME SLIM HD) 3W/ft. (HYDROLUME RGB)
<b>CCT (Color)</b>	2700K, 3000K, 4000K, 6500K, RGB
<b>Dimming</b>	Dimmable, Color Changing
<b>Environment</b>	IP65 - field cuttable IP68 - Call for details

Visit the product page on the website for specification sheets, install guides, IES files and photometric reports.



# HYDROLUME® SLIM LED TAPE LIGHT

HYDROLUME SLIM

HYDROLUME SLIM HD

- 24V -





- 24V -

- HLS\*\* -

- HLSP\*\* -

Max Run: 65.5 ft.  
Cut Point: 9.84 in.  
Chip Density: 8 / ft.  
Wattage: 1.22W / ft.

Max Run: 32.8 ft.  
Cut Point: 6.88 in.  
Chip Density: 12 / ft.  
Wattage: 2.44W / ft.

CCT	LUMENS / FT.		
 2700K	113		226
 3000K	113		226
 4000K	122		244
 6500K	122		244



**IP65 CONNECTORS FOR THIS PRODUCT AT RIGHT. FOR TAILORED IP68 & UL 676 LENGTHS PLEASE CALL 877.817.6028**


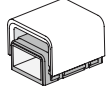
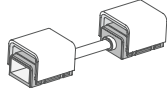
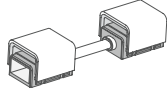
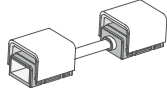
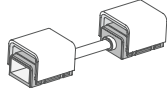

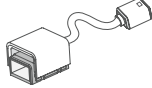
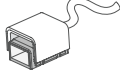
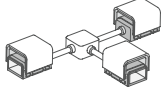
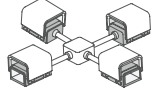
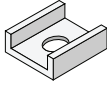
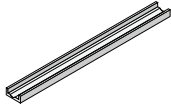


RGB (IP68)

Lumens / ft.: 64 Max.  
Max Run: 26 ft.  
Wattage: 3W / ft.

HYDROLUME RGB is only available in factory made lengths that are IP68 & UL 676 rated.  
**Call for details 877.817.6028**

# HYDROLUME® CONNECTORS & ACCESSORIES (IP65)

IMAGE	SKU	PRODUCT DESCRIPTION
	DI-HLS-EC-10	End Cap White 10 Pack
	DI-HLS-IC	I-Connector White
	DI-HLS-JP4	Cable Jumper 4"
	DI-HLS-JP6	Cable Jumper 6"
	DI-HLS-JP12	Cable Jumper 12"
	DI-HLS-JP24	Cable Jumper 24"
	DI-HLS-LC	L Connector White
	DI-HLS-PWRC	Power Supply Link Connector White
	DI-HLS-SP24	Splice Connector
	DI-HLS-TC	T-Connector White
	DI-HLS-XC	X-Connector White
	DI-HLS-MTBR	Channel Bracket Clear - 10 pack
	DI-HLS-MTCH	Mounting Channel - 2 pack

### SKU BUILDER EQUATION

PLEASE REVIEW THE MAX RUN FOR EACH WATTAGE BEFORE BUILDING YOUR SKU.

DI	-	VOLTAGE	-	MODEL	COLOR	-	LENGTH
					27 (2700K)		
					30 (3000K)		65 (65.5 ft. - Standard Only)
					40 (4000K)		32 (32.8 ft. - High Density Only)
					65 (6500K)		
DI	-	24V (12VDC)	-	HLS (Standard) HLSP (High Density)	30	-	32
DI	-		-			-	

EXAMPLE:  
HYDROLUME® SLIM HD  
3000K 32.8 FT.  
DI-24V-HLSP30-32



**Call For Details**

DIFFUSED, SATURATED,  
AND VIBRANT COLORS  
FROM END TO END

### FEATURES & BENEFITS

- Tight bend radius
- Mimics traditional neon
- Lettering or accent lighting
- Two flexible styles

### QUICK SPECS

<b>Voltage</b>	24VDC
<b>Wattage</b>	See chart on next page
<b>Dimmable</b>	Yes
<b>Max. Run</b>	Up to 65.6 ft.
<b>Environment</b>	Indoor/outdoor IP65
<b>Field Cuttable</b>	Single color - Yes RGB - No
<b>Certification</b>	UL Listed 2108

Visit the product page on the website for specification sheets, install guides, IES files and photometric reports.



# NEON BLAZE™

FROM WHITE TO RGB AND  
*EVERYTHING IN BETWEEN*

Bring the ultimate accent lighting into your project. With Zero Line Diffusion™ technology, color is saturated from end to end. Choose from multiple outputs in lengths up to 65 feet in the most popular colors. Field cuttable and easy to install with multiple mounting options.

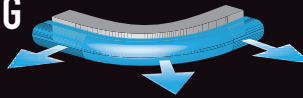




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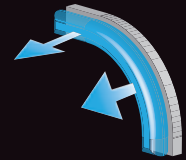
## TOP EMITTING

-TE-



## SIDE EMITTING

-SE-



# POWER OPTIONS ~ LENGTHS

1.2W / ft.	2.4W / ft.	4.4W / ft.
<b>-NBL1-</b>	<b>-NBL2-</b>	<b>-NBL4-</b>
Max run/ spool length: 65 ft.	Max run/ spool length: 32 ft.	Max run/ spool length: 16 ft.
<b>-65-</b>	<b>-32-</b>	<b>-16-</b>
LUMENS / FT.	LUMENS / FT.	LUMENS / FT.

1.2W / ft.	2.4W / ft.	4.4W / ft.
<b>-NBL1-</b>	<b>-NBL2-</b>	<b>-NBL4-</b>
Max run/ spool length: 65 ft.	Max run/ spool length: 32 ft.	Max run/ spool length: 16 ft.
<b>-65-</b>	<b>-32-</b>	<b>-16-</b>
LUMENS / FT.	LUMENS / FT.	LUMENS / FT.

<b>-27-</b> 2700K	86	173	248
<b>-35-</b> 3500K	89	178	273
<b>-63-</b> 6300K	88	174	266

62	134	208
60	120	195
59	116	173

<b>-GN-</b> Green	88	148	151
<b>-BL-</b> Blue	18	30	37
<b>-PU-</b> Purple	3.5	5.5	4
<b>-PK-</b> Pink	39	93	110
<b>-RD-</b> Red	31	61	64
<b>-GL-</b> Gold	70	157	184

30	48	78
6	12	18
1.5	2.5	2
17	37	53
11	21	34
31	61	84

<b>-RGB-</b> RGB	NEON RGB is <u>only</u> available in factory tailored lengths and is not field cuttable. Call for details.	20 Max.	-	42 Max.
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**SINGLE COLOR CONNECTORS ARE FOUND ON THE FOLLOWING PAGE.  
FOR ORDERS OF RGB OR TAILORED LENGTHS - PLEASE CALL 877.817.6028**

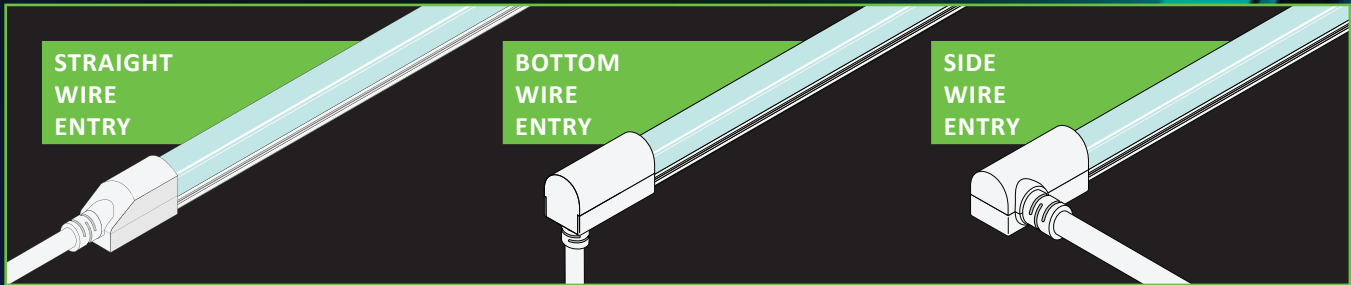
**SKU BUILDER EQUATION  
PLEASE REVIEW THE MAX RUN FOR EACH WATTAGE BEFORE BUILDING YOUR SKU.**

SKU BUILDER EQUATION	DI	-	VOLTAGE	-	FORMAT	-	POWER	-	COLOR	-	LENGTH
EXAMPLE: 24V NEON BLAZE® 4.4W SIDE EMITTING RED 16.4 FT SPOOL DI-24V-SE-NBL4-RD-16	DI	-	24V	-	SE	-	NBL4	-	RD	-	16
	DI	-	24V	-	-	-	-	-	-	-	-

# NEON BLAZE™ Accessories

Solid color NEON BLAZE™ is field cuttable and can be modified on the job. See accessories below and be sure to visit the website at [www.DiodeLED.com](http://www.DiodeLED.com) for full documentation and installation guidelines.

*NEON BLAZE™ RGB is not field cuttable and not compatible with some accessories.*



## NEON BLAZE CONNECTORS

SKU	DESCRIPTION
DI-TE-NB-SDWC-EC	Top emitting, side wire entry connector and end cap pair
DI-TE-NB-BWC-EC	Top emitting, bottom wire entry connector and end cap pair
DI-TE-NB-STWC-EC	Top emitting, straight wire entry connector and end cap pair
DI-NB-96M-CNCT	Top/Side emitting male connector with 8ft lead
DI-SE-NB-SDWC-EC	Side emitting, side wire entry connector and end cap pair
DI-SE-NB-BWC-EC	Side emitting, bottom wire entry connector and end cap pair
DI-SE-NB-STWC-EC	Side emitting, straight wire entry connector and end cap pair

## MOUNTING OPTIONS

SKU	DESCRIPTION
DI-TE-NB-TUC-16	Top emitting, top u-clip, bag of 16
DI-TE-NB-BUC-16	Top emitting, bottom u-clip, bag of 16
DI-TE-NB-MTCH	Top emitting, 35" inch channel
DI-SE-NB-TUC-16	Side emitting, top u-clip, bag of 16
DI-SE-NB-BUC-16	Side emitting, bottom u-clip, bag of 16
DI-SE-NB-MTCH	Side emitting, 35" inch channel



Halper Lighting Solutions  
Ohio

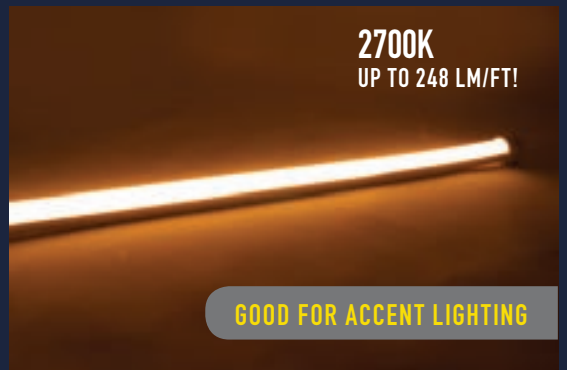


Bloomingdales  
New York, NY

# TOTALLY DIFFUSED *FLEXIBLE* WHITE LIGHT **NEON BLAZE™**

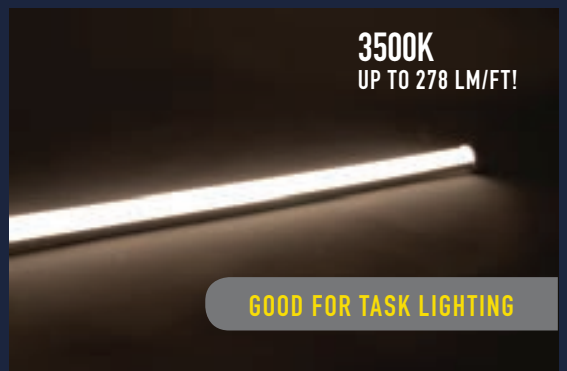
With high output, white NEON BLAZE™, it has never been easier to create a professional, seamlessly illuminated environment. Total diffusion and quality light output is easily achieved without the complicated use of diffusion covers. It is also dimmable and field cuttable.

- High quality light
- UL Listed (2108)
- Dimmable
- Indoor & outdoor use
- Field cuttable
- Up to 65ft. runs



**2700K**  
UP TO 248 LM/FT!

**GOOD FOR ACCENT LIGHTING**



**3500K**  
UP TO 278 LM/FT!

**GOOD FOR TASK LIGHTING**



**6300K**  
UP TO 266 LM/FT!

**GOOD FOR OUTDOOR LIGHTING**

ACTUAL SIZE

WET LOCATION

Acropolis Lighting  
San Luis Obispo, CA

INDOOR

# DAZZLE® 24 RGB Color Changing LED TAPE LIGHT

DAZZLE 24® 24V RGB LED Tape Light is an excellent solution for full color dynamic effects. DAZZLE 24 transforms any space into a special event and adds excitement to retail and commercial spaces. Engineered with our high performance flexible circuit boards for heat management and electrical distribution, DAZZLE 24 will provide over 16 million color options and evenly distributes the light throughout creating just the lighting effect you want.

## FEATURES & BENEFITS

- Indoor & outdoor options
- 16 million color combinations
- Dynamic and versatile accent lighting
- Compatible with Diode LED Color Controllers or Nicolaudie® DMX

## QUICK SPECS

<b>Voltage</b>	24VDC
<b>Wattage</b>	4.32W / ft.
<b>Max. Run</b>	16.4 ft.
<b>Field Cuttable</b>	Every 4 in.
<b>Certification</b>	UL Listed 2108

Visit the product page on the website for specification sheets, install guides, IES files and photometric reports.





# DAZZLE® 24 RGB LED TAPE LIGHT

INDOOR		WET LOCATION	
- 24V -		- 24V -	
- DRGB -		- DRGB - W	
Max. Run: 16.4 ft. Cut Points: 4 in. Wattage: 4.32W/ft.		Max. Run: 16.4 ft. Cut Points: 4 in. Wattage: 4.32W/ft.	
CCT	LUMENS / FT.	LUMENS / FT.	
 RGB	160	160	

INDOOR TAPE LIGHT CONNECTORS FOUND ON PAGE 117	WET LOCATION CONNECTORS LISTED BELOW
---	---



**SKU BUILDER EQUATION**  
PLEASE REVIEW THE MAX RUN FOR EACH WATTAGE BEFORE BUILDING YOUR SKU.

DI	-	VOLTAGE	-	MODEL	-	LENGTH
						<b>0016</b> (16.4 ft. Indoor)
DI	-	<b>24V</b> (24VDC)	-	<b>DRGB</b>	-	<b>0100</b> (100 ft. Indoor)
						<b>W016</b> (16.4 ft. Wet Location)
DI	-	24V	-	DRGB	-	W016
DI	-	-	-	-	-	-

EXAMPLE:  
DAZZLE® RGB  
WET LOCATION  
DI-24V-DRGB-W016



**Call For Details**

PRODUCT IMAGE	PRODUCT NAME	SKU
	Wet Location RGB Splice Connector Pair	DI-0766
	Wet Location RGB Extension Cable	DI-0778

**MOUNTING CLIPS**

SKU	DESCRIPTION
DI-WLMC-RGB	Pack of 10

**RGB WET LOCATION END-CAPS**

SKU	DESCRIPTION
DI-0842-25	Pack of 25

**SILICONE SEALANT**

SKU	DESCRIPTION
DI-WPSL	One tube of sealant



ACTUAL SIZE

Hermitage Lighting  
World Gym

# DAZZLE<sup>®</sup> 24 RGBW Color Changing LED TAPE LIGHT

DAZZLE 24<sup>®</sup> 24V RGBW LED Tape Light is the ultimate solution for producing full color spectrum LED lighting. To create RGBW light, we added warm white LEDs to an RGB tape light array. With the addition of white light, much brighter colors and a softer pastel range are produced to satisfy the exacting color requirements of any lighting design. This color-changing linear LED light is perfect for transforming any room into a place for parties and special events, and adding drama to display cases, shop windows, restaurants or bars. Our selection of RGBW color controllers help you take full advantage of the emotional impact of colored light.

## FEATURES & BENEFITS

- Color-changing and white light LEDs
- Up to 4 billion colors to blend and match
- Achieve colors from saturated to pastel

## QUICK SPECS

<b>Voltage</b>	24VDC
<b>Wattage</b>	4.39W / ft.
<b>Max. Run</b>	20 ft.
<b>Field Cuttable</b>	Every 8 in.
<b>Certification</b>	UL Listed 2108

Visit the product page on the website for specification sheets, install guides, IES files and photometric reports.





# DAZZLE® 24 RGBW LED TAPE LIGHT

**INDOOR ONLY**

- 24V -

- RGBW -

Max. Run: 20 ft.  
Cut Points: 8 in.  
Wattage: 4.39W/ft.

CCT	LUMENS / FT.
 RGB	198 max
 (W) 3000K	

**RGBW TAPE LIGHT CONNECTORS  
FOUND ON PAGE 117**

**SKU BUILDER EQUATION**  
PLEASE REVIEW THE MAX RUN FOR EACH WATTAGE BEFORE BUILDING YOUR SKU.

DI	-	VOLTAGE	-	MODEL	-	LENGTH
DI	-	24V (24VDC)	-	RGBW	-	0020 (16.4 ft. Indoor) 0100 (100 ft. Indoor)
DI	-	24V	-	RGBW	-	W016
DI	-	-	-	-	-	-

EXAMPLE:  
DAZZLE® RGBW  
20 FOOT SPOOL  
DI-24V-RGBW-0020



**Call For Details**



ACTUAL SIZE

WET LOCATION

Hotel VIA  
San Francisco, CA

INDOOR

# DAZZLE® 24 RGBW 4D

## Color Changing LED TAPE LIGHT

Our most advanced color changing linear light features a new quad-chip capable of billions of colors.

### The Four Ds of DAZZLE RGBW 4D

- Density** - Tighter LED population for the brightest output
- Diffusion** - Works with CHROMAPATH Premium Diffusion Covers
- Distribution** - The best light distribution RGBW product available
- Dynamics** - Best color-mixing for exact color-matching

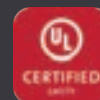
### FEATURES & BENEFITS

- 4 billion color combinations
- Increased LED density for enhanced color saturation, blending and brightness
- Diode LED controller or DMX compatible

### QUICK SPECS

Voltage	24VDC
Wattage	6.4W / ft.
Max. Run	16.4 ft.
Field Cuttable	Every 4 in.
Certification	UL Listed 2108

Visit the product page on the website for specification sheets, install guides, IES files and photometric reports.



# DAZZLE® 24 RGBW 4D LED TAPE LIGHT

	INDOOR	WET LOCATION
	- 24V - - RGBW4 - Max. Run: 16.4 ft. Cut Points: 4 in. Wattage: 6.4 W/ft.	- 24V - - RGBW4 - W Max. Run: 16.4 ft. Cut Points: 4 in. Wattage: 6.4 W/ft.
CCT		
 RGB		
 (W) 3000K		
	LUMENS / FT. 274	LUMENS / FT. 239

INDOOR TAPE LIGHT CONNECTORS FOUND ON PAGE	WET LOCATION CONNECTORS LISTED BELOW
---	---

**SKU BUILDER EQUATION**  
PLEASE REVIEW THE MAX RUN FOR EACH WATTAGE BEFORE BUILDING YOUR SKU.




	DI	VOLTAGE	MODEL	LENGTH
	DI	24V (24VDC)	RGBW4	0016 (16.4 ft. Indoor) W016 (16.4 ft. Wet Location)
EXAMPLE: DAZZLE® RGBW 4D WET LOCATION 16.4 FT. SPOOL DI-24V-RGBW4-W016	DI	24V	RGBW4	W016
	DI	-	-	-



**Call For Details**

### Wet Location RGB Connector & Accessories

**Connector Note:** Class 2 maximum load limit on all strip light connectors.

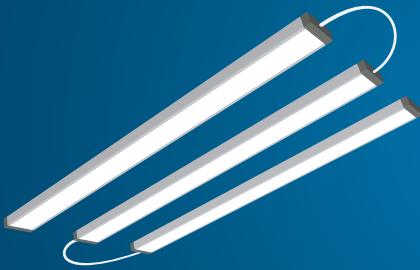
PRODUCT IMAGE	PRODUCT NAME	SKU
	RGBW Wet Location Extension Cable - 39 in	DI-RGBW-WEXT
	RGBW Wet Location Accessories Pack Includes: 10x mounting clips, 20x screws, 2x open end caps, 2x closed end caps, 1x splice cable pair (M/F)	DI-RGBW-WACY
	Silicone Sealant (1 tube)	DI-WPSL

REDUCE INSTALLATION TIME  
WITH TAILORED SOLUTIONS  
FROM DIODE LED.

# TAILORED FIXTURES



Illumination for all applications  
Task | Suspended | Accent



## FULLY LOADED LED FIXTURES

1. Your choice of CHROMAPATH channels in our fixture program (pg. 48-56)
2. Load it with any model of Diode LED Tape light
3. Total fixture length
4. Fully assembled in the US with your choice of wire and connection.

BUILT YOUR WAY & READY TO INSTALL

CALL FOR DETAILS

877.817.6028

[info@DiodeLED.com](mailto:info@DiodeLED.com)



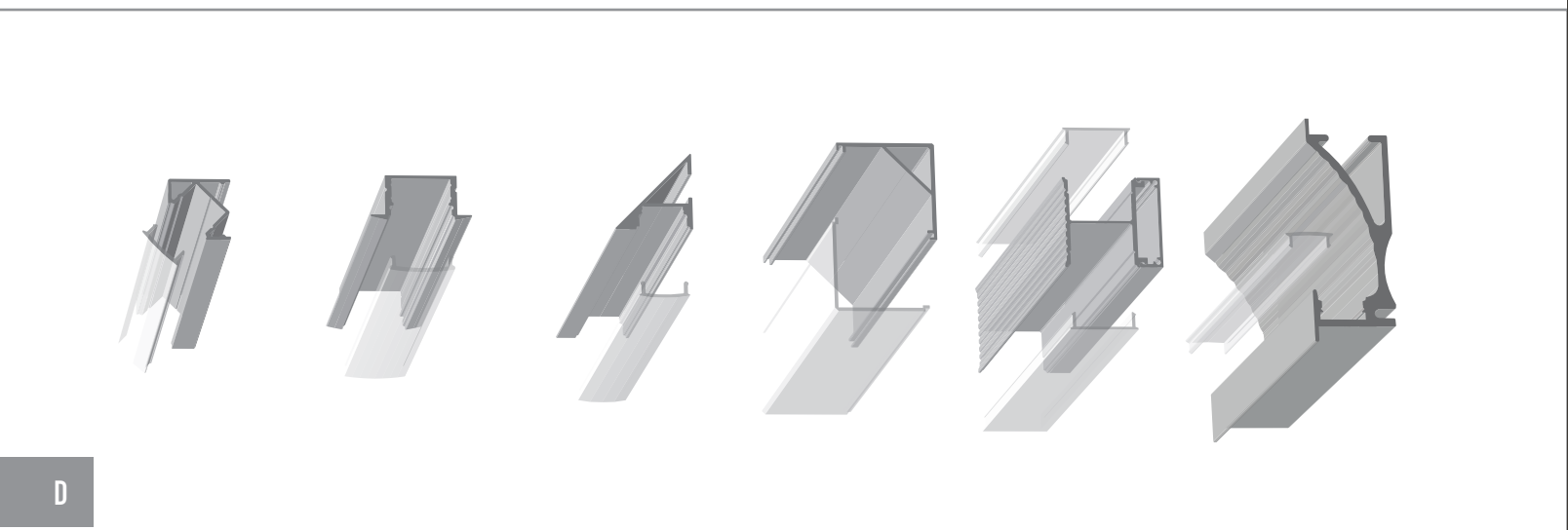
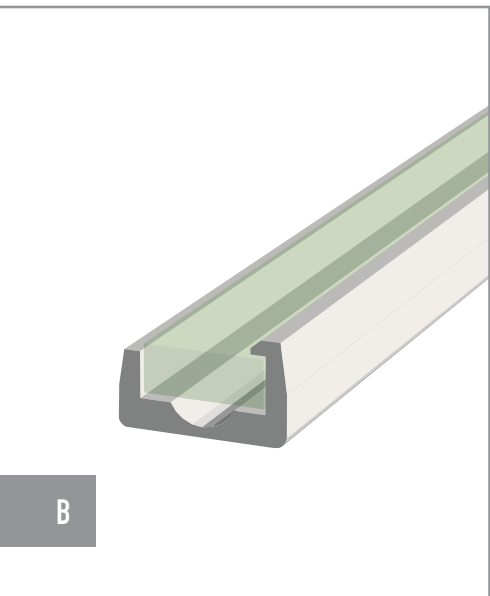
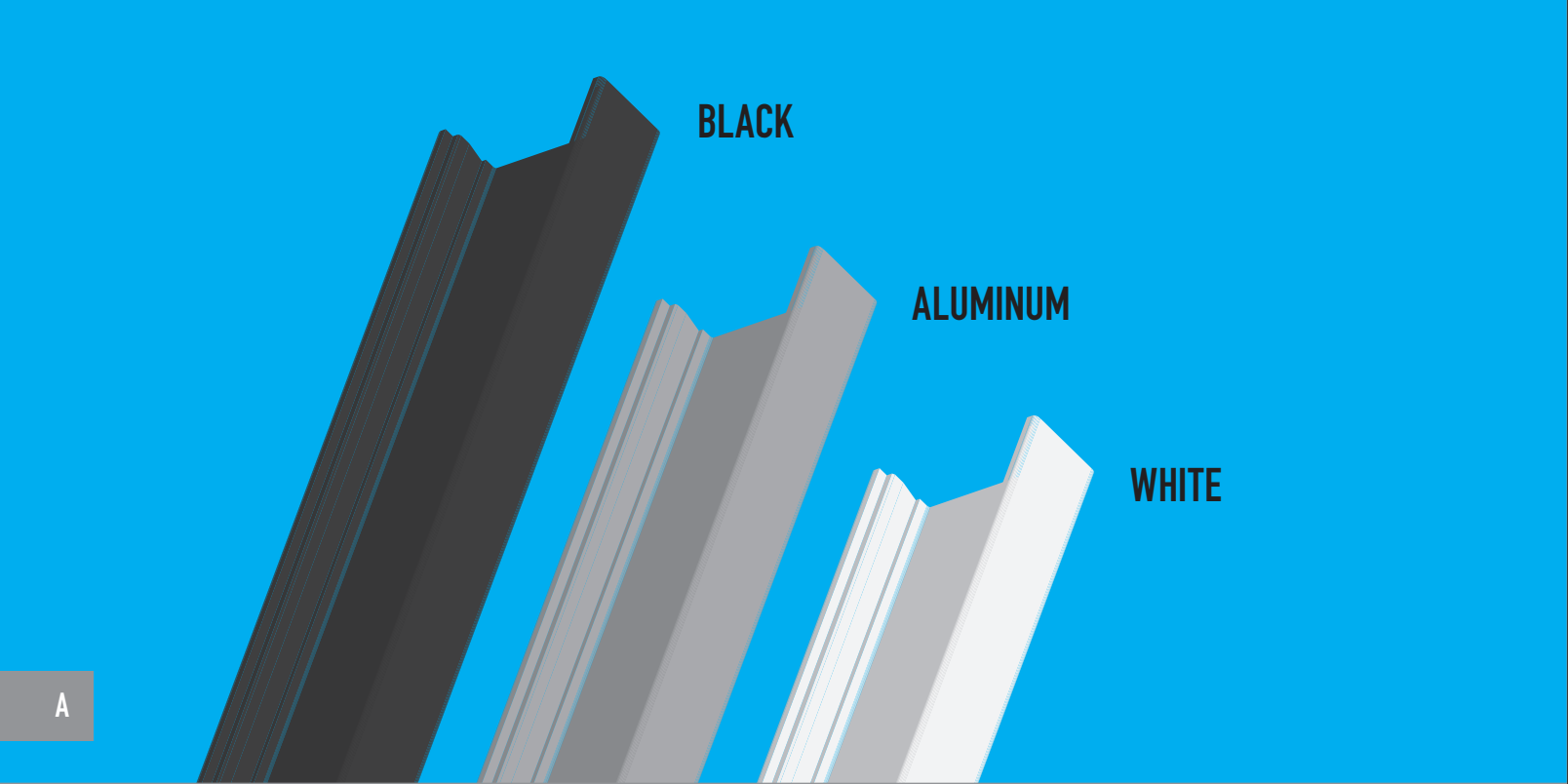
# SPECIFICATIONS & PROJECT SUPPORT

Let our dedicated team help you plan your next project.

- Project quotes tailored to large-scale projects
- Cut, soldering, and factory-finish custom lengths of in-stock tape and strip light
- DMX and RGB color changing support
- Technical compatibility review
- Blueprints and architectural support
- Timely and accurate estimates

**YOUR NEXT PROJECT  
NEEDS A PROFESSIONAL**  
**877.817.6028**  
**[info@DiodeLED.com](mailto:info@DiodeLED.com)**





# TAILORED FIXTURES

TAILORED FIXTURE OPTION

*For Tailored Fixture options,  
Look for this icon!*

- 1 Specify your lighting requirements for brightness, color and dimensions.
- 2 Choose the linear LED tape light that is best for your application.
- 3 Select the CHROMAPATH channel form factor that is optimal for your project. (Pages 59-63)
- 4 Talk to a representative about connections and installation.

**CALL TODAY FOR DETAILS**

**877.817.6028**

**info@DiodeLED.com**

## TAPE LIGHT MOUNTING CHANNELS

Our patented CHROMAPATH® Channels are a must have accessory for your stylish, efficient, and high-impact linear lighting design. These channels not only provide light diffusion to enhance any space, but also protect indoor LED tape light from dust and other elements.

- A CHROMAPATH BUILDER CHANNELS**  
Build your own lighting fixture  
(Page 48-51)
- B ELEMENT FORTÉ INDOOR & OUTDOOR CHANNELS**  
Easily and securely mount your wet location strip light in outdoor or wet locations  
(Page 46)
- C TAILORED FIXTURES**  
Our in-house manufacturing facility can accommodate custom fixtures to your specifications.  
  
(Page 57)
- D CHROMAPATH BUNDLE**  
The expanded CHROMAPATH line offers more options for customized fixtures.  
(Page 53-56)

# ELEMENT™ CHANNEL

## Indoor/Outdoor Strip Light Mounting

These mounting options may be used with the following LED Strip Light options from Diode LED

**BLAZE™ Wet Location LED Strip Light** (requires adhesive)

**FLUID VIEW® Wet Location LED Strip Light** (requires adhesive)

**DAZZLE® RGB Wet Location LED Strip Light**

**HYDROLUME® Series Strip Light**

**BLAZE™ BASICS Wet Location LED Strip Light** (requires adhesive)

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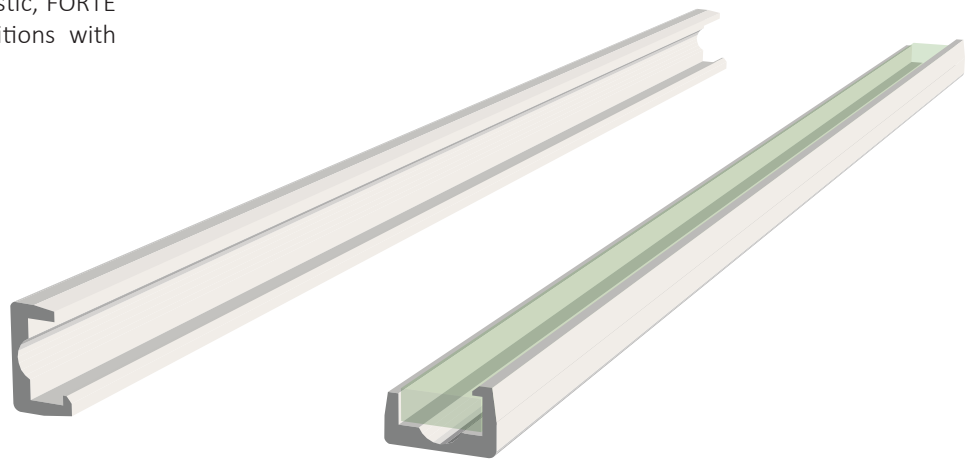
## ELEMENT™ FORTÉ Mounting Channel

Made from durable, reinforced plastic, FORTÉ is great for installing in all conditions with minimal presence.

(Pack of 2 channels)

Length - 39.4 in.

**ELEMENT FORTÉ (Pack of two)**  
DI-ELMT-FT-39



**PATENTED**



SLIM

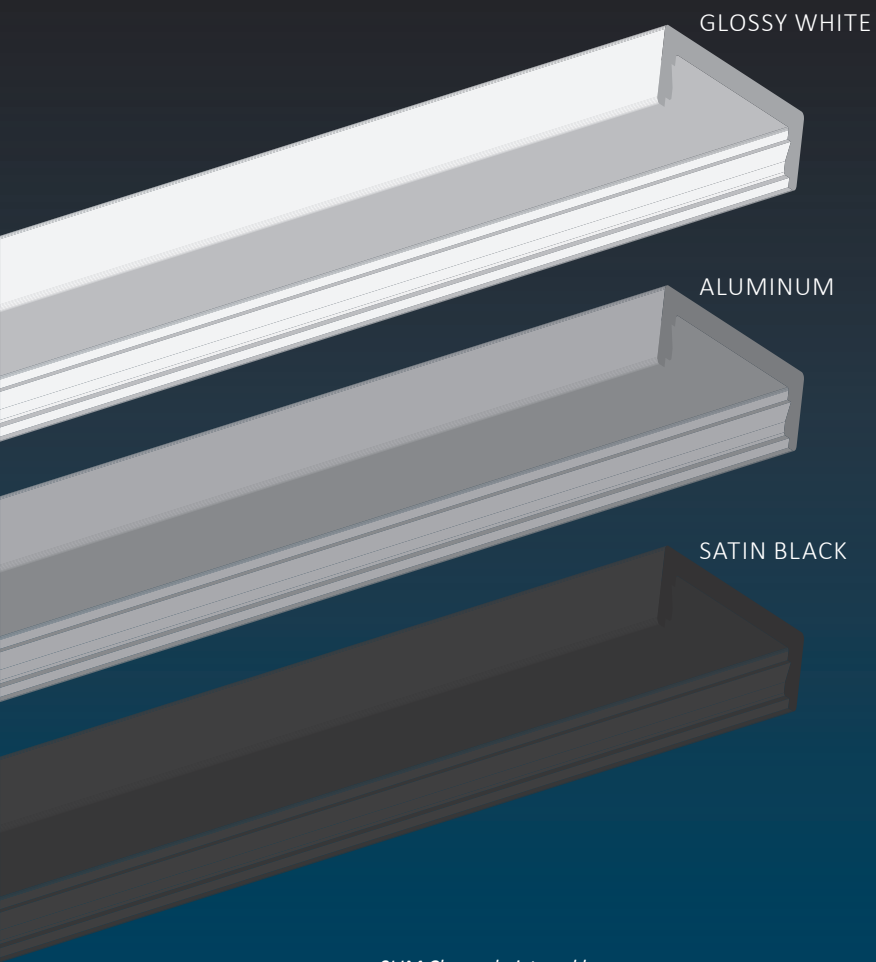
45°

SQUARE

DUO

# CHROMAPATH® BUILDER CHANNELS

ASSEMBLE YOUR FIXTURE THE WAY YOU WANT



GLOSSY WHITE

ALUMINUM

SATIN BLACK

## FEATURES & BENEFITS

- Industrial extrusions for custom lighting
- In-house and field cuttable channels to work with individual specifications
- Channels act as a heat sink, cooling and prolonging the LED tape light lifespan
- Provides additional defense from dust and debris, protecting your LED investment

## CHROMAPATH BUILDER OVERVIEW

	SLIM	45°	SQUARE	DUO
<b>FINISH</b>				
Aluminum	•	•	•	•
Glossy White	•	•	•	•
Satin Black	•	•	•	•
<b>LENGTH</b>				
48 in.	•	•	•	•
96 in.	•	•	•	•
<b>COVER OPTIONS</b>				
Premium Diffusion	•	•	•	•
Frosted	•	•	•	•
Clear	•	•	•	•

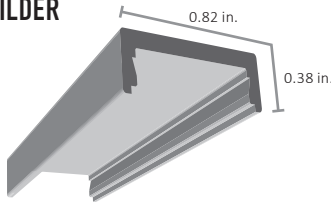
Visit the product page on the website for specification sheets, install guides and photometric reports.

*SLIM Channel pictured here.*



# TAPE LIGHT MOUNTING CHANNELS

## CHROMAPATH® BUILDER SLIM



**INCLUDES**  
SLIM channel only

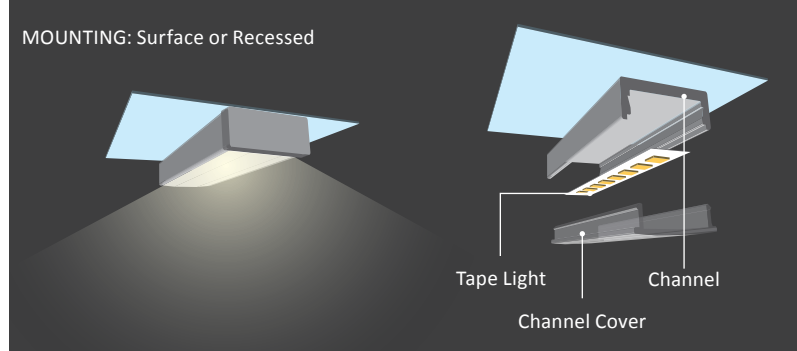
### TAPE LIGHT COMPATIBILITY

BLAZE™ X  
VALENT® X

BLAZE™ BASICS  
DAZZLE® RGB(W)

TAILORED FIXTURE OPTION

MOUNTING: Surface or Recessed



### CHANNEL OPTIONS

ALUMINUM	BLACK	WHITE	LENGTH	BUNDLE OPTION
DI-CPCHA-SL48	DI-CPCHA-SL48W	DI-CPCHA-SL48B	48 in.	Single
DI-CPCHA-SL48-10	DI-CPCHA-SL48W-10	DI-CPCHA-SL48B-10	48 in.	Pack of 10
DI-CPCHA-SL96	DI-CPCHA-SL96W	DI-CPCHA-SL96B	96 in.	Single
DI-CPCHA-SL96-10	DI-CPCHA-SL96W-10	DI-CPCHA-SL96B-10	96 in.	Pack of 10

### PREMIUM DIFFUSION COVER AND END-CAP

#### PRODUCT INFORMATION



#### PREMIUM DIFFUSION COVER (PD):

The ultimate in total diffusion for uninterrupted continuous LED light output.  
Note: warm shift in Kelvin of 75K and an average 24% decrease in delivered lumens. Refer to install guide for optimal performance guidelines.

SKU	FORM FACTOR	LENGTH	BUNDLES
DI-CPCHC-PD48	PD Cover	48 in.	Single
DI-CPCHC-PD48-10	PD Cover	48 in.	Pack of 10
DI-CPCHC-PD96	PD Cover	96 in.	Single
DI-CPCHC-PD96-10	PD Cover	96 in.	Pack of 10

#### PRODUCT IMAGE



#### FORM FACTOR

SLIM Premium Diffusion End-Cap  
5 extra sets

SKU ALUMINUM   
  SKU WHITE FINISH   
  SKU BLACK FINISH

DI-CPEC-SLPD

DI-CPEC-SLPDW

DI-CPEC-SLPDB

### STANDARD COVERS FROSTED / CLEAR AND END-CAPS

#### PRODUCT INFORMATION



#### FROSTED COVER:

Protects LED tape light and slightly softens light.  
**Note:** Average warm shift in Kelvin of 35K and average 28% decrease in delivered lumens.



#### CLEAR COVER:

Protects the LED tape light with no visible color shift or change in delivered lumens.

SKU	FORM FACTOR	LENGTH	BUNDLES
DI-CPCHC-FR48	Frosted Cover	48 in.	Single
DI-CPCHC-FR48-10	Frosted Cover	48 in.	Pack of 10
DI-CPCHC-FR96	Frosted Cover	96 in.	Single
DI-CPCHC-FR96-10	Frosted Cover	96 in.	Pack of 10
DI-CPCHC-CL48	Clear Cover	48 in.	Single
DI-CPCHC-CL48-10	Clear Cover	48 in.	Pack of 10
DI-CPCHC-CL96	Clear Cover	96 in.	Single
DI-CPCHC-CL96-10	Clear Cover	96 in.	Pack of 10

#### PRODUCT IMAGE



#### FORM FACTOR

SLIM Standard End-Cap  
5 extra sets

SKU ALUMINUM   
  SKU WHITE FINISH   
  SKU BLACK FINISH

DI-CPEC-SL

DI-CPEC-SLW

DI-CPEC-SLB

### MOUNTING OPTIONS

#### MOUNTING TAPE



SKU	MOUNTING OPTION
DI-1633	4ft.
DI-1634	12ft.

#### MAGNETIC MOUNT



SKU	DESCRIPTION
DI-CPCH-MGT	1 pair

#### MOUNTING U-CLIPS



Includes: Pack of 2 with screws

ALUMINUM   
  WHITE   
  BLACK

DI-CPCH-UC-BA

DI-CPCH-UC-WH

DI-CPCH-UC-BL

## CHROMAPATH® BUILDER 45°

### INCLUDES

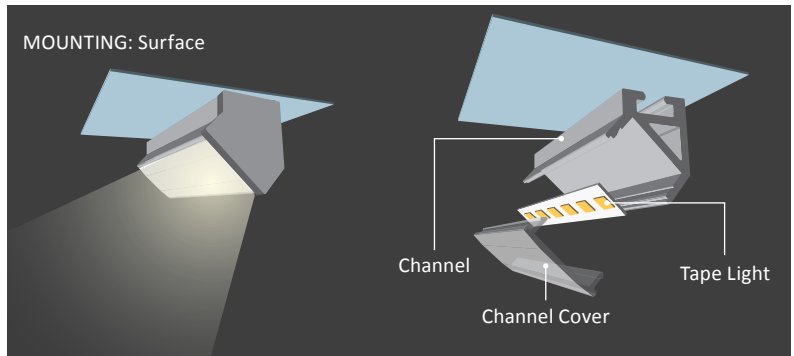
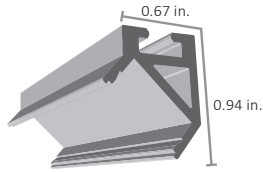
End-to-end connector plugs & mounting clips

### TAPE LIGHT COMPATIBILITY

BLAZE™ X  
VALENT® X

BLAZE™ BASICS  
DAZZLE® RGB(W)

TAILORED FIXTURE OPTION



### CHANNEL OPTIONS

<input type="checkbox"/> SKU ALUMINUM	<input type="checkbox"/> SKU WHITE FINISH	<input checked="" type="checkbox"/> SKU BLACK FINISH	LENGTH	BUNDLE OPTION	INCLUDES PER CHANNEL
DI-CPCHA-4548	DI-CPCHA-4548W	DI-CPCHA-4548B	48 in.	Single	• 2x end-to-end connectors • 4x mounting clips
DI-CPCHA-4548-10	DI-CPCHA-4548W-10	DI-CPCHA-4548B-10	48 in.	Pack of 10	• 4x end-to-end connectors • 8x mounting clips
DI-CPCHA-4596	DI-CPCHA-4596W	DI-CPCHA-4596B	96 in.	Single	• 4x end-to-end connectors • 8x mounting clips
DI-CPCHA-4596-10	DI-CPCHA-4596W-10	DI-CPCHA-4596B-10	96 in.	Pack of 10	• 8x mounting clips

### PREMIUM DIFFUSION COVER AND END-CAP

#### PRODUCT INFORMATION



#### PREMIUM DIFFUSION COVER (PD):

The ultimate in total diffusion for uninterrupted continuous LED light output.

Note: warm shift in Kelvin of 75K and an average 24% decrease in delivered lumens. Refer to install guide for optimal performance guidelines.

SKU	FORM FACTOR	LENGTH	BUNDLES
DI-CPCHC-PD48	PD Cover	48 in.	Single
DI-CPCHC-PD48-10	PD Cover	48 in.	Pack of 10
DI-CPCHC-PD96	PD Cover	96 in.	Single
DI-CPCHC-PD96-10	PD Cover	96 in.	Pack of 10

#### PRODUCT IMAGE



#### FORM FACTOR

45° Premium Diffusion  
End-Cap  
5 extra sets

SKU ALUMINUM

SKU WHITE FINISH

SKU BLACK FINISH

DI-CPEC-45PD

DI-CPEC-45PDW

DI-CPEC-45PDB

### STANDARD COVERS FROSTED / CLEAR AND END-CAPS

#### PRODUCT INFORMATION



#### FROSTED COVER:

Protects LED tape light and slightly softens light.

**Note:** Average warm shift in Kelvin of 35K and average 28% decrease in delivered lumens.



#### CLEAR COVER:

Protects the LED tape light with no visible color shift or change in delivered lumens.

SKU	FORM FACTOR	LENGTH	BUNDLES
DI-CPCHC-FR48	Frosted Cover	48 in.	Single
DI-CPCHC-FR48-10	Frosted Cover	48 in.	Pack of 10
DI-CPCHC-FR96	Frosted Cover	96 in.	Single
DI-CPCHC-FR96-10	Frosted Cover	96 in.	Pack of 10
DI-CPCHC-CL48	Clear Cover	48 in.	Single
DI-CPCHC-CL48-10	Clear Cover	48 in.	Pack of 10
DI-CPCHC-CL96	Clear Cover	96 in.	Single
DI-CPCHC-CL96-10	Clear Cover	96 in.	Pack of 10

#### PRODUCT IMAGE



#### FORM FACTOR

45° Standard  
End-Cap  
5 extra sets

SKU ALUMINUM

SKU WHITE FINISH

SKU BLACK FINISH

DI-CPEC-45

DI-CPEC-45W

DI-CPEC-45B

### MOUNTING OPTIONS

#### MOUNTING CLIPS



#### VERTICAL MOUNTING BRACKETS



#### END-TO-END CONNECTOR PLUGS



#### ROTATING MOUNTING CLIPS



Includes: Pack of 2 with screws

SKU	DESCRIPTION	SKU	DESCRIPTION	SKU	DESCRIPTION	<input type="checkbox"/> ALUMINUM	<input type="checkbox"/> WHITE	<input checked="" type="checkbox"/> BLACK
DI-CPMC2-SCR4	Pack of 2 Clips / 4 screws	DI-1912	Pack of 2	DI-1631-10	Pack of 10	DI-CPCH-RC-BA	DI-CPCH-RC-WH	DI-CPCH-RC-BL
DI-1630-20	Pack of 20 Clips / 40 screws							

# TAPE LIGHT MOUNTING CHANNELS

## CHROMAPATH® BUILDER SQUARE

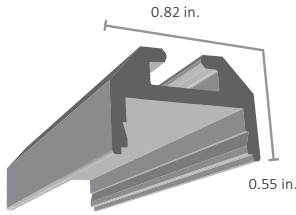
### INCLUDES

End-to-end connector plugs & mounting clips

### TAPE LIGHT COMPATIBILITY

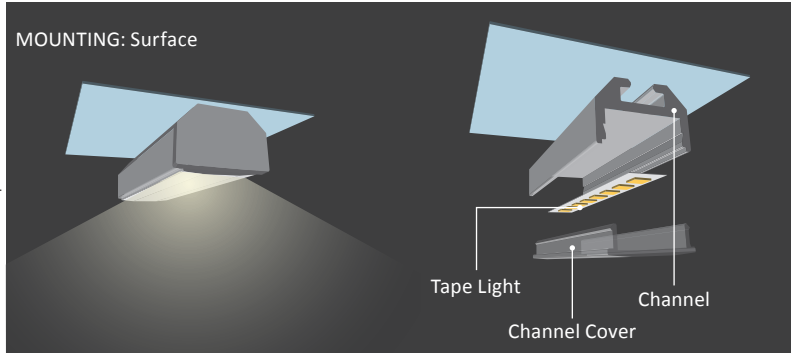
BLAZE™ X  
VALENT™ X

BLAZE™ BASICS  
DAZZLE™ RGB(W)



TAILORED FIXTURE OPTION

MOUNTING: Surface



### CHANNEL OPTIONS

<input type="checkbox"/> SKU ALUMINUM	<input type="checkbox"/> SKU WHITE FINISH	<input checked="" type="checkbox"/> SKU BLACK FINISH	LENGTH	BUNDLE OPTION	INCLUDES PER CHANNEL
DI-CPCHA-SQ48	DI-CPCHA-SQ48W	DI-CPCHA-SQ48B	48 in.	Single	• 2x end-to-end connectors
DI-CPCHA-SQ48-10	DI-CPCHA-SQ48W-10	DI-CPCHA-SQ48B-10	48 in.	Pack of 10	• 4x mounting clips
DI-CPCHA-SQ96	DI-CPCHA-SQ96W	DI-CPCHA-SQ96B	96 in.	Single	• 4x end-to-end connectors
DI-CPCHA-SQ96-10	DI-CPCHA-SQ96W-10	DI-CPCHA-SQ96B-10	96 in.	Pack of 10	• 8x mounting clips

### PREMIUM DIFFUSION COVER AND END-CAP

#### PRODUCT INFORMATION



#### PREMIUM DIFFUSION COVER (PD):

The ultimate in total diffusion for uninterrupted continuous LED light output.

Note: warm shift in Kelvin of 75K and an average 24% decrease in delivered lumens. Refer to install guide to optimal performance guidelines.

SKU	FORM FACTOR	LENGTH	BUNDLES
DI-CPCHC-PD48	PD Cover	48 in.	Single
DI-CPCHC-PD48-10	PD Cover	48 in.	Pack of 10
DI-CPCHC-PD96	PD Cover	96 in.	Single
DI-CPCHC-PD96-10	PD Cover	96 in.	Pack of 10

#### PRODUCT IMAGE



SQUARE Premium Diffusion End-Cap  
5 extra sets

SKU ALUMINUM

SKU WHITE FINISH

SKU BLACK FINISH

DI-CPEC-SQPD

DI-CPEC-SQPDW

DI-CPEC-SQPDB

### STANDARD COVERS FROSTED / CLEAR AND END-CAPS

#### PRODUCT INFORMATION



#### FROSTED COVER:

Protects LED tape light and slightly softens light.

**Note:** Average warm shift in Kelvin of 35K and average 28% decrease in delivered lumens.



#### CLEAR COVER:

Protects the LED tape light with no visible color shift or change in delivered lumens.

SKU	FORM FACTOR	LENGTH	BUNDLES
DI-CPCHC-FR48	Frosted Cover	48 in.	Single
DI-CPCHC-FR48-10	Frosted Cover	48 in.	Pack of 10
DI-CPCHC-FR96	Frosted Cover	96 in.	Single
DI-CPCHC-FR96-10	Frosted Cover	96 in.	Pack of 10
DI-CPCHC-CL48	Clear Cover	48 in.	Single
DI-CPCHC-CL48-10	Clear Cover	48 in.	Pack of 10
DI-CPCHC-CL96	Clear Cover	96 in.	Single
DI-CPCHC-CL96-10	Clear Cover	96 in.	Pack of 10

#### PRODUCT IMAGE



SQUARE Standard End-Cap  
5 extra sets

SKU ALUMINUM

SKU WHITE FINISH

SKU BLACK FINISH

DI-CPEC-SQ

DI-CPEC-SQW

DI-CPEC-SQB

### MOUNTING OPTIONS

#### MOUNTING CLIPS



SKU	DESCRIPTION
DI-CPMC2-SCR4	Pack of 2 Clips / 4 screws
DI-1630-20	Pack of 20 Clips / 40 screws

#### VERTICAL MOUNTING BRACKETS



SKU	DESCRIPTION
DI-1912	Pack of 2

#### END-TO-END CONNECTOR PLUGS



SKU	DESCRIPTION
DI-1631-10	Pack of 10

### ADJUSTABLE ANGLE MOUNTING

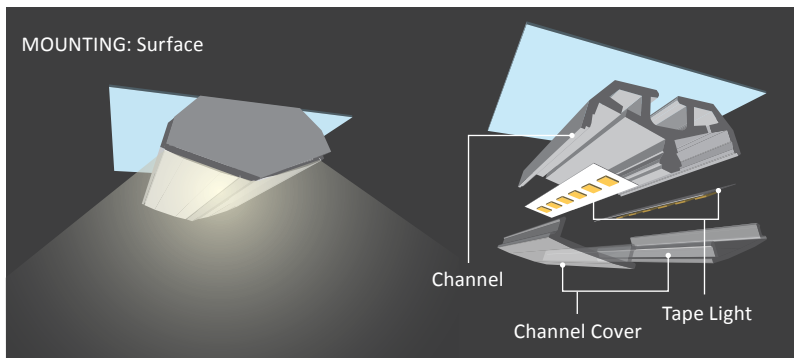
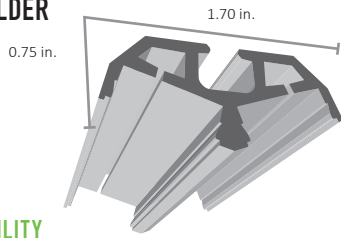
#### ROTATING MOUNTING CLIPS



Includes: Pair of clips with screws

<input type="checkbox"/> ALUMINUM	<input type="checkbox"/> WHITE	<input checked="" type="checkbox"/> BLACK
DI-CPCH-RC-BA	DI-CPCH-RC-WH	DI-CPCH-RC-BL

## CHROMAPATH® BUILDER DUO



### INCLUDES

End-to-end connector plugs & mounting clips

### TAPE LIGHT COMPATIBILITY

BLAZE™ X DAZZLE® RGB(W)  
BLAZE™ BASICS

**TAILORED FIXTURE OPTION**

### CHANNEL OPTIONS

<input type="checkbox"/> SKU ALUMINUM	<input type="checkbox"/> SKU WHITE FINISH	<input checked="" type="checkbox"/> SKU BLACK FINISH	LENGTH	BUNDLE OPTION	INCLUDES PER CHANNEL
DI-CPCHA-DU48	DI-CPCHA-DU48W	DI-CPCHA-DU48B	48 in.	Single	• 2x end-to-end connectors
DI-CPCHA-DU48-10	DI-CPCHA-DU48W-10	DI-CPCHA-DU48B-10	48 in.	Pack of 10	• 4x mounting clips

### CLEAR AND FROSTED COVERS



**FROSTED COVER:** Protects LED tape light and slightly softens light. Please note there is an average warm shift in Kelvin of 35K and an average 28% decrease in delivered lumens.



**CLEAR COVER:** Protects the LED tape light with no visible color shift or change in delivered lumens.

SKU	FORM FACTOR	LENGTH	BUNDLES
DI-CPCHC-FR48	Frosted Cover	48 in.	Single
DI-CPCHC-FR48-10	Frosted Cover	48 in.	Pack of 10
DI-CPCHC-CL48	Clear Cover	48 in.	Single
DI-CPCHC-CL48-10	Clear Cover	48 in.	Pack of 10

PRODUCT IMAGE	FORM FACTOR	<input type="checkbox"/> SKU ALUMINUM	<input type="checkbox"/> SKU WHITE FINISH	<input checked="" type="checkbox"/> SKU BLACK FINISH
	DUO Standard 5 extra sets	DI-CPEC-DU	DI-CPEC-DUW	DI-CPEC-DUB

### MOUNTING OPTIONS

#### MOUNTING CLIPS



#### VERTICAL MOUNTING BRACKETS



#### END-TO-END CONNECTOR PLUGS



#### ADJUSTABLE ANGLE MOUNTING

#### ROTATING MOUNTING CLIPS

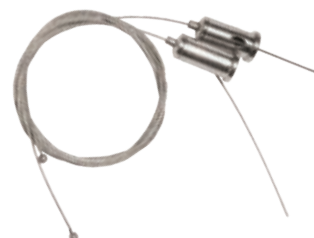


Includes: Pack of 2 with screws

SKU	DESCRIPTION	SKU	DESCRIPTION	SKU	DESCRIPTION	<input type="checkbox"/> ALUMINUM	<input type="checkbox"/> WHITE	<input checked="" type="checkbox"/> BLACK
DI-CPMC2-SCR4	Pack of 2 Clips / 4 screws	DI-1913	Pack of 2	DI-1631-10	Pack of 10	DI-CPCH-RC-BA	DI-CPCH-RC-WH	DI-CPCH-RC-BL
DI-1630-20	Pack of 20 Clips / 40 screws							

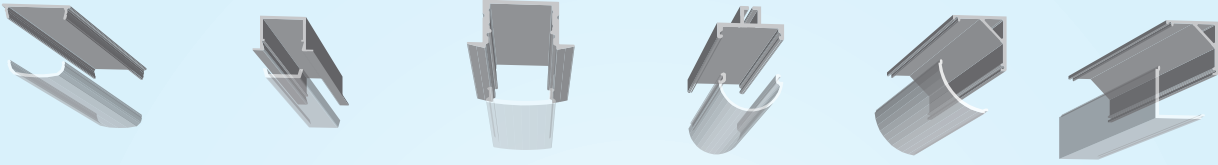
## CHROMAPATH BUILDER HANGING HARDWARE

SKU	DESCRIPTION
DI-CPCH-HNG	<ul style="list-style-type: none"> <li>• 2x pendant cables</li> <li>• 2x sets of hardware</li> </ul>

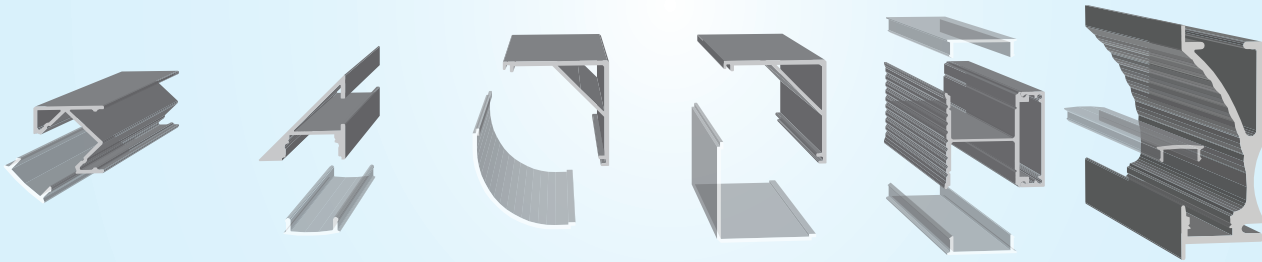


Compatible with DUO, 45° & SQUARE channels only





# CHROMAPATH<sup>®</sup> BUNDLE CHANNELS

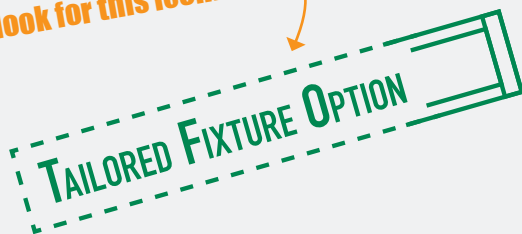


## PACKAGED CHANNELS READY TO LOAD

- EASY TO INSTALL
- COMPLETE WITH ACCESSORIES
- LED TAPE LIGHT READY
- MULTI-FORMAT APPLICATIONS

## TAILORED FIXTURES

*For tailored fixture options,  
look for this icon!*



### BUILT TO SPEC

- Overall fixture length
- Color & lumen output
- Connection & lead wire

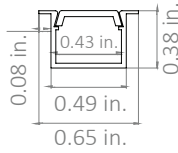
**NOTE:** **CHROMAPATH Bundles** are **not** interchangeable with each other **nor** compatible with **CHROMAPATH Builder** channels. Check online specification sheet for connector compatibility.

## CHROMAPATH® BUNDLE

### SLIM RECESSED

#### TAPE LIGHT COMPATIBILITY:

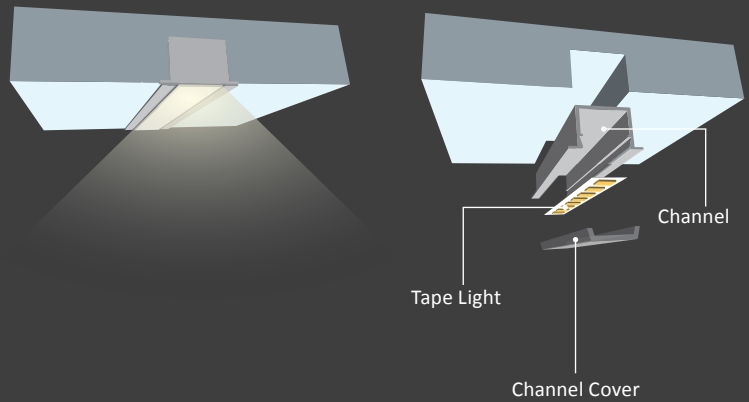
BLAZE™ X  
BLAZE™ BASICS



#### TAILORED FIXTURE OPTION

SKU	PRODUCT INCLUDES
DI-CPCHA-SLR48	<ul style="list-style-type: none"> <li>48 in. channel &amp; frosted cover</li> <li>End caps: 1x open &amp; 1x closed square, 1x open round</li> </ul>
DI-CPCHA-SLR96	<ul style="list-style-type: none"> <li>96 in. channel &amp; frosted cover</li> <li>End caps: 1x open square, 1x closed square, 1x open round</li> </ul>
DI-CPEC-SLR-3	<ul style="list-style-type: none"> <li>End-cap set: 3x open square, 3x open round, 3x closed square</li> </ul>

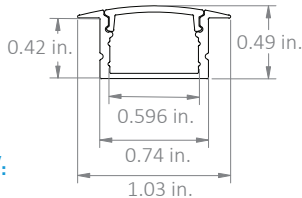
MOUNTING: Recessed



## CHROMAPATH® BUNDLE RECESSED

#### TAPE LIGHT COMPATIBILITY:

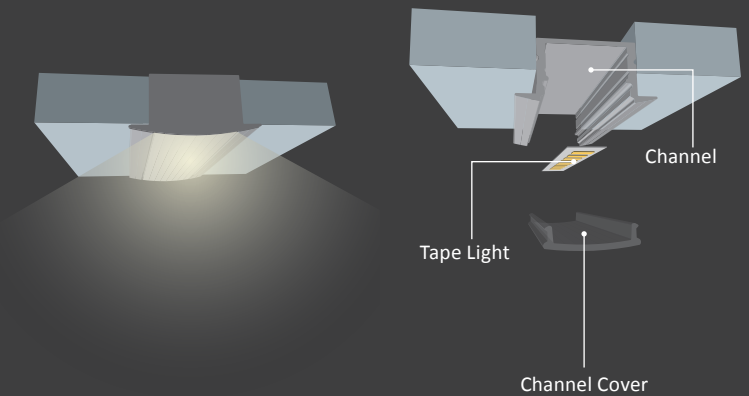
BLAZE™ X  
VALENT® X



#### TAILORED FIXTURE OPTION

SKU	PRODUCT INCLUDES
DI-CPCHB-REC-48	<ul style="list-style-type: none"> <li>48 in. channel &amp; frosted cover</li> <li>End-caps: 1x open, 1x closed</li> </ul>
DI-CPCHB-REC-96	<ul style="list-style-type: none"> <li>96 in. channel &amp; frosted cover</li> <li>End-caps: 1x open, 1x closed</li> </ul>
DI-CPCHB-REC-ACC	<ul style="list-style-type: none"> <li>End-cap: 2x open, 2x closed</li> <li>4x mounting clips</li> </ul>

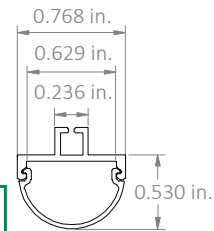
MOUNTING: Recessed



## CHROMAPATH® BUNDLE DOME

#### TAPE LIGHT COMPATIBILITY:

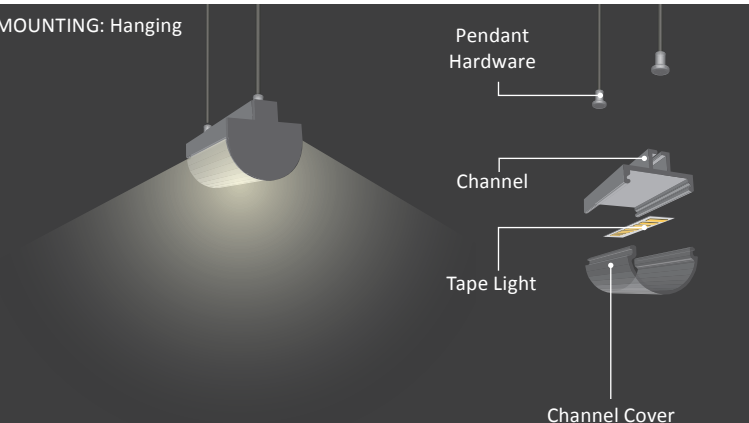
BLAZE™ X  
VALENT® X



#### TAILORED FIXTURE OPTION

SKU	PRODUCT INCLUDES
DI-CPCHB-DOME-48	<ul style="list-style-type: none"> <li>48 in. channel &amp; frosted cover</li> <li>End-caps</li> <li>2x Pendant hardware</li> </ul>
DI-CPCHB-DOME-96	<ul style="list-style-type: none"> <li>96 in. channel &amp; frosted cover</li> <li>End-caps</li> <li>2x Pendant hardware</li> </ul>
DI-CPCHB-DOME-ACC	<ul style="list-style-type: none"> <li>2x end-cap sets</li> <li>2x pendant hardware</li> </ul>

MOUNTING: Hanging



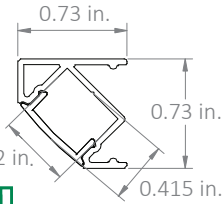
# TAPE LIGHT MOUNTING CHANNELS

**NOTE:** **CHROMAPATH Bundles** are **not** interchangeable with each other **nor** compatible with **CHROMAPATH Builder** channels. Check online specification sheet for connector compatibility.

## CHROMAPATH® BUNDLE 45° DECO

**TAPE LIGHT COMPATIBILITY:**

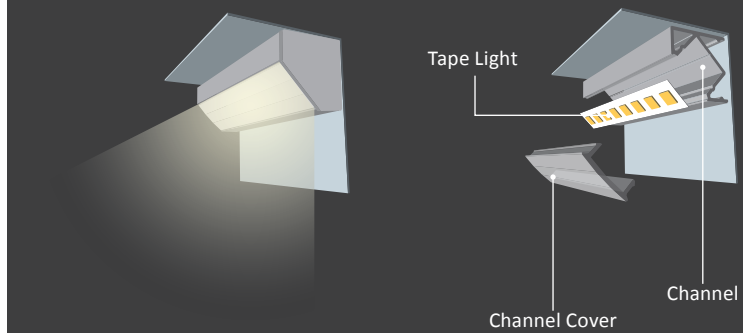
BLAZE™ X    BLAZE™ BASICS



**TAILORED FIXTURE OPTION**

SKU	PRODUCT INCLUDES
DI-CPCHB-45DCO-48	<ul style="list-style-type: none"> <li>48 in. channel &amp; frosted cover</li> <li>End-caps</li> <li>Mounting hardware</li> </ul>
DI-CPCHB-45DCO-96	<ul style="list-style-type: none"> <li>96 in. channel &amp; frosted cover</li> <li>End-caps</li> <li>Mounting hardware</li> </ul>
DI-CPCHB-45DCO-ACC	<ul style="list-style-type: none"> <li>2x end-cap sets</li> <li>4x mounting clips</li> </ul>

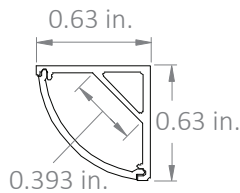
MOUNTING: Surface



## CHROMAPATH® BUNDLE 10mm ROUNDED CORNER

**TAPE LIGHT COMPATIBILITY:**

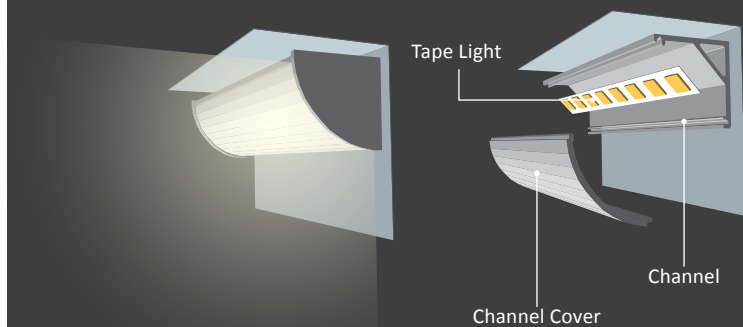
BLAZE™ X    BLAZE™ BASICS



**TAILORED FIXTURE OPTION**

SKU	PRODUCT INCLUDES
DI-CPCHB-RC10-48	<ul style="list-style-type: none"> <li>48 in. channel &amp; frosted cover</li> <li>End-caps</li> <li>Mounting hardware</li> </ul>
DI-CPCHB-RC10-96	<ul style="list-style-type: none"> <li>96 in. channel &amp; frosted cover</li> <li>End-caps</li> <li>Mounting hardware</li> </ul>
DI-CPCHB-RC10-ACC	<ul style="list-style-type: none"> <li>2x end-cap sets</li> <li>4x mounting clips</li> </ul>

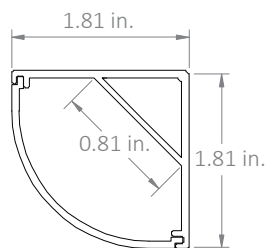
MOUNTING: Surface



## CHROMAPATH® BUNDLE 20mm ROUNDED CORNER

**TAPE LIGHT COMPATIBILITY:**

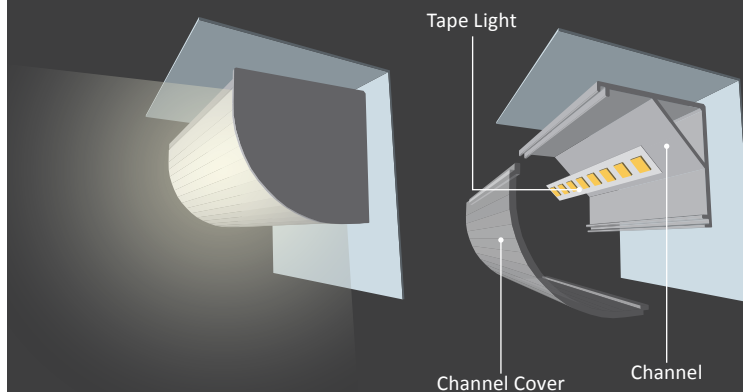
BLAZE™ X    BLAZE™ BASICS  
VALENT® X



**TAILORED FIXTURE OPTION**

SKU	PRODUCT INCLUDES
DI-CPCHB-RC20-48	<ul style="list-style-type: none"> <li>48 in. channel &amp; frosted cover</li> <li>End-caps</li> <li>Mounting hardware</li> </ul>
DI-CPCHB-RC20-96	<ul style="list-style-type: none"> <li>96 in. channel &amp; frosted cover</li> <li>End-caps</li> <li>Mounting hardware</li> </ul>
DI-CPCHB-RC20-ACC	<ul style="list-style-type: none"> <li>2x end-cap sets</li> <li>4x mounting clips</li> </ul>

MOUNTING: Surface

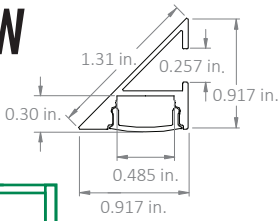


**NOTE:** CHROMAPATH Bundles are **not** interchangeable with each other **nor** compatible with CHROMAPATH Builder channels. Check online specification sheet for connector compatibility.

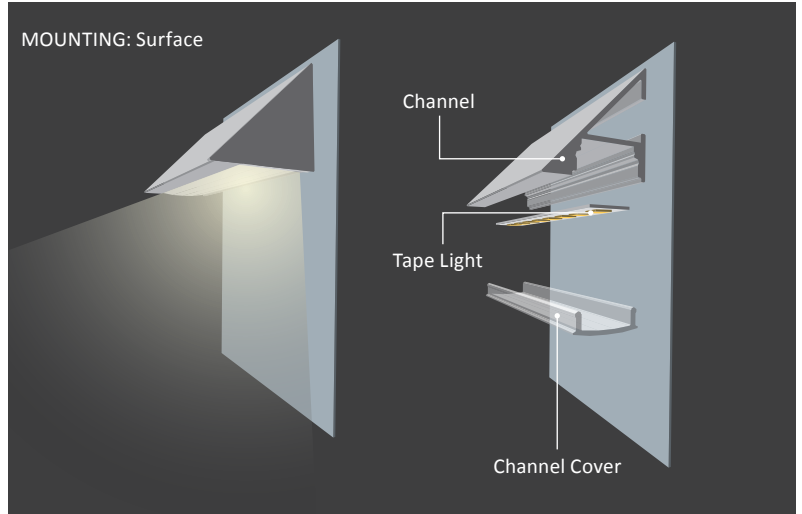
## CHROMAPATH® BUNDLE 90° SIDEVIEW

TAPE LIGHT COMPATIBILITY:  
BLAZE™ X BLAZE™ BASICS

TAILORED FIXTURE OPTION



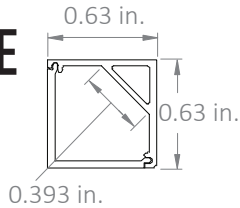
SKU	PRODUCT INCLUDES
DI-CPCHB-90SD-48	<ul style="list-style-type: none"> <li>48 in. channel &amp; frosted cover</li> <li>End-caps</li> <li>Mounting hardware</li> </ul>
DI-CPCHB-90SD-96	<ul style="list-style-type: none"> <li>96 in. channel &amp; frosted cover</li> <li>End-caps</li> <li>Mounting hardware</li> </ul>
DI-CPCHB-90SD-ACC	<ul style="list-style-type: none"> <li>2x end-cap sets</li> <li>4x mounting hardware</li> </ul>



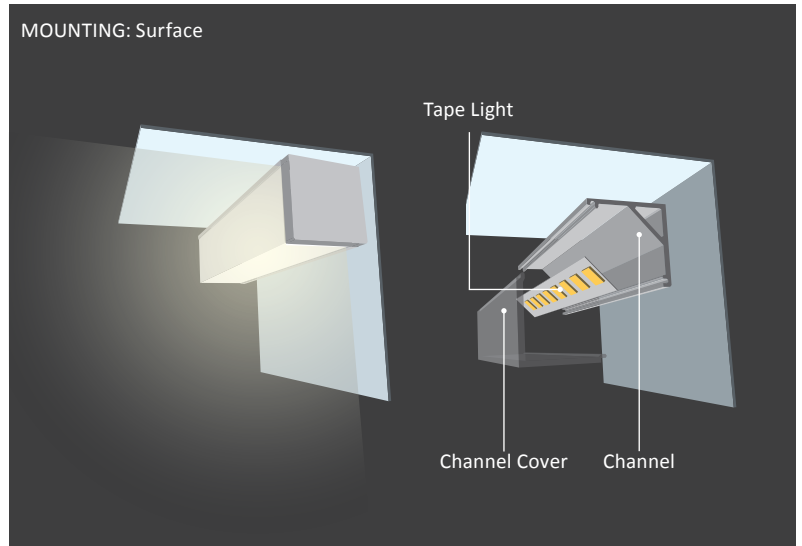
## CHROMAPATH® BUNDLE 10mm SQUARE CORNER

TAPE LIGHT COMPATIBILITY:  
BLAZE™ X BLAZE™ BASICS

TAILORED FIXTURE OPTION



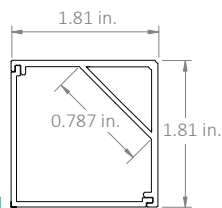
SKU	PRODUCT INCLUDES
DI-CPCHB-SQC10-48	<ul style="list-style-type: none"> <li>48 in. channel &amp; frosted cover</li> <li>End-caps</li> <li>Mounting hardware</li> </ul>
DI-CPCHB-SQC10-96	<ul style="list-style-type: none"> <li>96 in. channel &amp; frosted cover</li> <li>End-caps</li> <li>Mounting hardware</li> </ul>
DI-CPCHB-SQC10-ACC	<ul style="list-style-type: none"> <li>2x end-cap sets</li> <li>4x mounting clips</li> </ul>



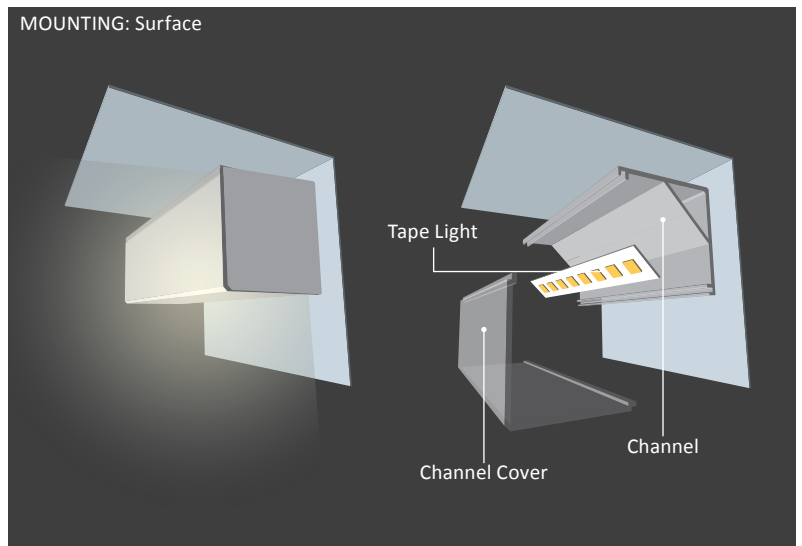
## CHROMAPATH® BUNDLE 20mm SQUARE CORNER

TAPE LIGHT COMPATIBILITY:  
BLAZE™ X BLAZE™ BASICS  
VALENT® X

TAILORED FIXTURE OPTION



SKU	PRODUCT INCLUDES
DI-CPCHB-SQC20-48	<ul style="list-style-type: none"> <li>48 in. channel &amp; frosted cover</li> <li>End-caps</li> <li>Mounting hardware</li> </ul>
DI-CPCHB-SQC20-96	<ul style="list-style-type: none"> <li>96 in. channel &amp; frosted cover</li> <li>End-caps</li> <li>Mounting hardware</li> </ul>
DI-CPCHB-SQC20-ACC	<ul style="list-style-type: none"> <li>2x end-cap sets 2x mounting hardware</li> <li>4X Surface mounting clips</li> </ul>

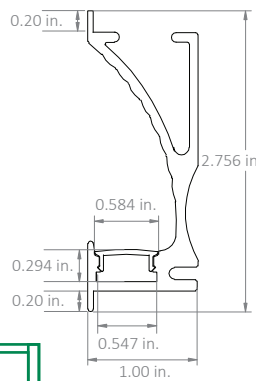




# TAPE LIGHT MOUNTING CHANNELS

**NOTE:** **CHROMAPATH Bundles** are **not** interchangeable with each other **nor** compatible with **CHROMAPATH Builder** channels. Check online specification sheet for connector compatibility.

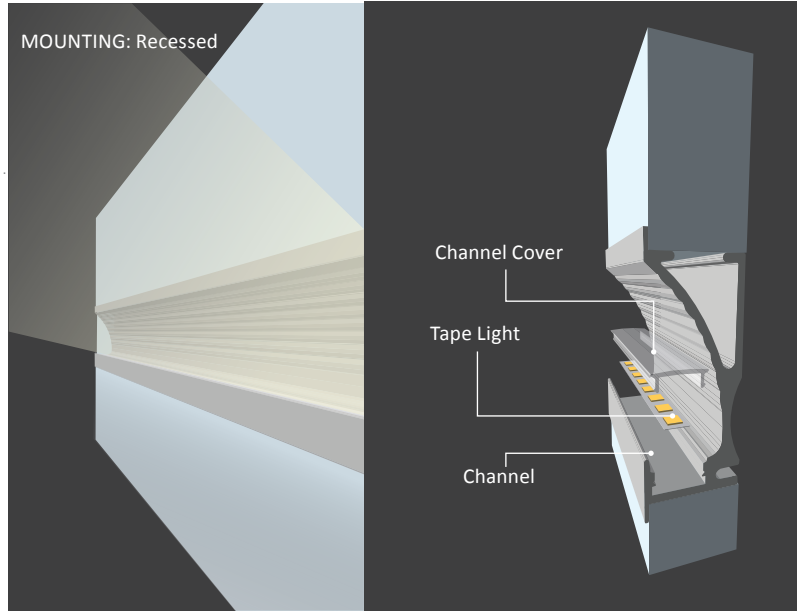
## CHROMAPATH® BUNDLE REFLECTOR



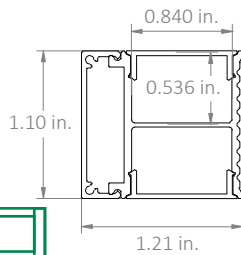
**TAPE LIGHT COMPATIBILITY:**  
BLAZE™ X    BLAZE™ BASICS

**TAILORED FIXTURE OPTION**

SKU	PRODUCT INCLUDES
DI-CPCHB-RFCTR-48	<ul style="list-style-type: none"> <li>48 in. channel &amp; frosted cover</li> <li>End caps</li> </ul>
DI-CPCHB-RFCTR-96	<ul style="list-style-type: none"> <li>96 in. channel &amp; frosted cover</li> <li>End caps</li> </ul>
DI-CPCHB-RFCTR-ACC	<ul style="list-style-type: none"> <li>2x end-cap sets</li> </ul>



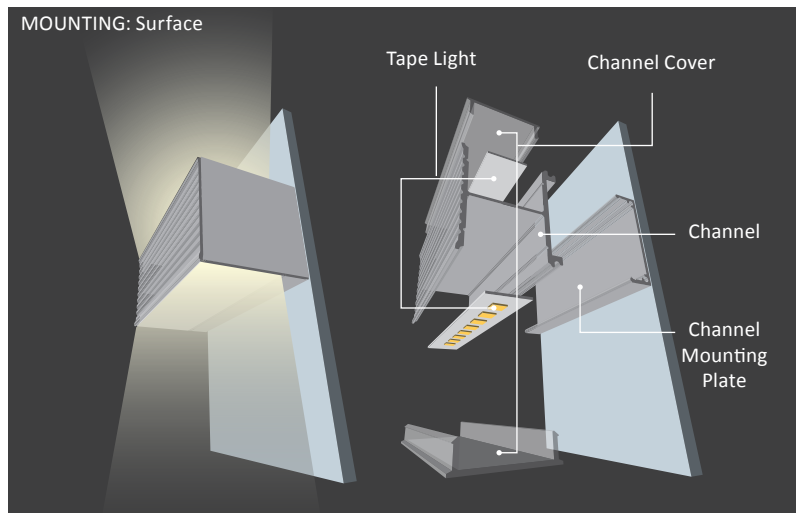
## CHROMAPATH® BUNDLE SCNCE



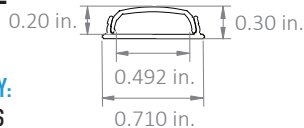
**TAPE LIGHT COMPATIBILITY:**  
BLAZE™ X    BLAZE™ BASICS

**TAILORED FIXTURE OPTION**

SKU	PRODUCT INCLUDES
DI-CPCHB-SCNC-48	<ul style="list-style-type: none"> <li>48 in. channel &amp; frosted cover</li> <li>End caps</li> <li>Mounting hardware</li> </ul>
DI-CPCHB-SCNC-96	<ul style="list-style-type: none"> <li>96 in. channel &amp; frosted cover</li> <li>End caps</li> <li>Mounting hardware</li> </ul>
DI-CPCHB-SCNC-ACC	<ul style="list-style-type: none"> <li>2x end-cap sets</li> </ul>



## CHROMAPATH® BUNDLE WAVEFORM

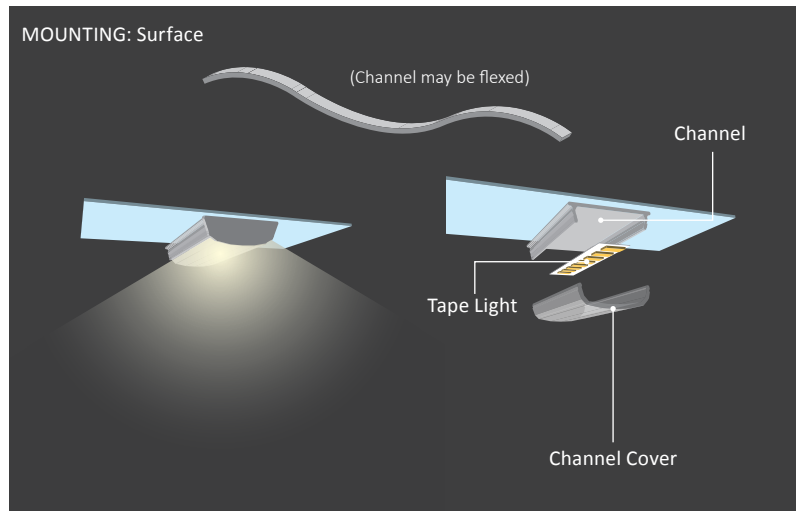


**TAPE LIGHT COMPATIBILITY:**  
BLAZE™ X    BLAZE™ BASICS

### INSTALLATION NOTE:

Not available in the tailored fixture program. Tape light connectors will not fit inside this slim channel design. Recommended with tailor-cut lengths of tape light with factory soldered leads. Read install guide before purchase.

SKU	PRODUCT INCLUDES
DI-CPCHB-WF-48	<ul style="list-style-type: none"> <li>48 in. channel &amp; frosted cover</li> <li>End-caps: 1x open, 1x closed</li> <li>Mounting hardware</li> <li>2x mounting clips</li> </ul>
DI-CPCHB-WF-ACC	<ul style="list-style-type: none"> <li>End-cap: 2x open, 2x closed</li> <li>4x mounting clips</li> </ul>

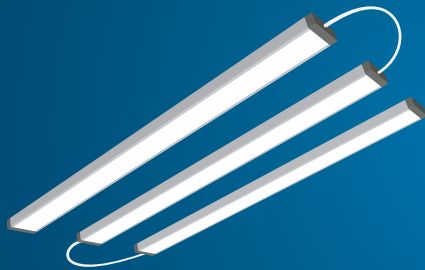


REDUCE INSTALLATION TIME  
WITH TAILORED SOLUTIONS  
FROM DIODE LED.

# TAILORED FIXTURES



Illumination for all applications  
Task | Suspended | Accent



## FULLY LOADED LED FIXTURES

1. Your choice of CHROMAPATH channels in our fixture program (pg. 48-56)
2. Load it with any model of Diode LED Tape light
3. Total fixture length
4. Fully assembled in the US with your choice of wire and connection.

BUILT YOUR WAY & READY TO INSTALL

CALL FOR DETAILS AND TIMELINES

877.817.6028

[info@DiodeLED.com](mailto:info@DiodeLED.com)



# TASK & PATH LED FIXTURES

Diode LED Fixtures are engineered for style, performance and ease of installation. High light output and quality, compact in design with a modern approach, these LED fixtures are desirable for any commercial or residential project.

FENCER®  
SABER™

FENCER®  
FOIL™

## **A** TRU-LINK® LINKABLE LED LIGHT BARS

Continuous lighting with *Zero Line Diffusion™*  
(Page 60)

## **B** SPOTMOD® WET LOCATION LED LIGHT MODULES

Indoor and outdoor durability  
(Page 72)

## **C** MATTONE™ STEP LIGHTS

Compact and durable step lighting  
(Page 66)

## **D** TRIANT® LED PUCK LIGHT

Our longest running LED fixture that is built tough for a long life  
(Page 70)

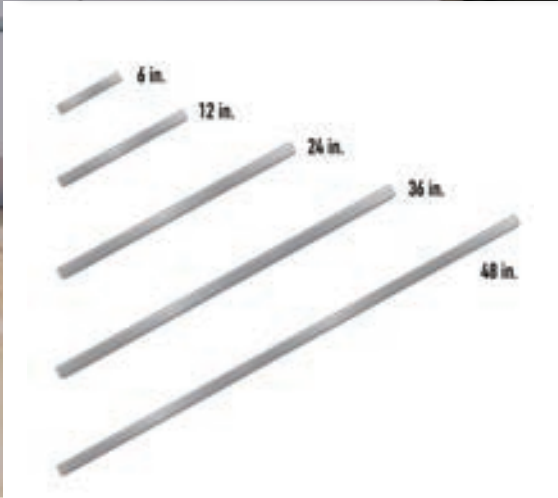
## **E** FENCER® SERIES

Direct-wire and dimmable, these high-performance task fixtures feature high-CRI and easy installation  
SABER (Page 62)  
FOIL (Page 64)





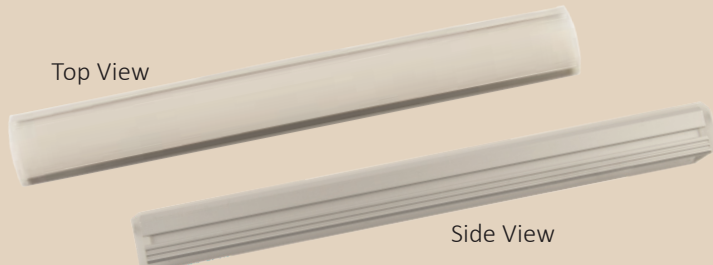
**SEAMLESS  
END-TO-END  
CONNECTIONS WITH  
NO DARK SPOTS**



# TRU-LINK®

## 24V Linkable LED Light Bar

TRU-LINK® 24V LED Light Bars are linkable, high-CRI light bars with premium diffusion. This means no more bright hot spots or dark areas, which is great for use in areas with reflective surfaces. These bars are linkable up to 20 feet, compatible with many driver options (see spec sheet) and are fully dimmable. Choose TRU-LINK for your next lighting installation for task or display applications.



### FEATURES & BENEFITS

- Premium diffused light: no LED hot spots
- Superior CRI and R values
- Seamlessly daisy-chain multiple fixtures for long runs

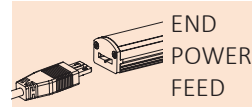
### QUICK SPECS

<b>Voltage</b>	24VDC
<b>Dimmable</b>	Yes
<b>CRI</b>	90+
<b>Environment</b>	Indoor
<b>Certification</b>	UL 2108

Visit the product page on the website for specification sheets, install guides and photometric reports.



# TRU-LINK® 24V LED Light Bar



SKU	FIXTURE COLOR	POWER FEED	LENGTH	CCT	LUMENS / FIXTURE
DI-24V-TR30-6-BL	Black	End Power Feed	6 in.	3000K	150
DI-24V-TR30-6-SV	Silver				
DI-24V-TR30-12-BL	Black	End Power Feed	12 in.	3000K	320
DI-24V-TR30-12-SV	Silver				
DI-24V-TR30SF-12-BL	Black	Side Power Feed	12 in.	3000K	320
DI-24V-TR30SF-12-BL	Silver				
DI-24V-TR30-24-BL	Black	End Power Feed	24 in.	3000K	650
DI-24V-TR30-24-SV	Silver				
DI-24V-TR30-36-BL	Black	End Power Feed	36 in.	3000K	900
DI-24V-TR30-36-SV	Silver				
DI-24V-TR30-48-BL	Black	End Power Feed	48 in.	3000K	1250
DI-24V-TR30-48-SV	Silver				
DI-24V-TR40-6-BL	Black	End Power Feed	6 in.	4000K	150
DI-24V-TR40-6-SV	Silver				
DI-24V-TR40-12-BL	Black	End Power Feed	12 in.	4000K	320
DI-24V-TR40-12-SV	Silver				
DI-24V-TR40SF-12-BL	Black	Side Power Feed	12 in.	4000K	320
DI-24V-TR40SF-12-BL	Silver				
DI-24V-TR40-24-BL	Black	End Power Feed	24 in.	4000K	650
DI-24V-TR40-24-SV	Silver				
DI-24V-TR40-36-BL	Black	End Power Feed	36 in.	4000K	900
DI-24V-TR40-36-SV	Silver				
DI-24V-TR40-48-BL	Black	End Power Feed	48 in.	4000K	1250
DI-24V-TR40-48-SV	Silver				

## TRU-LINK® Accessories

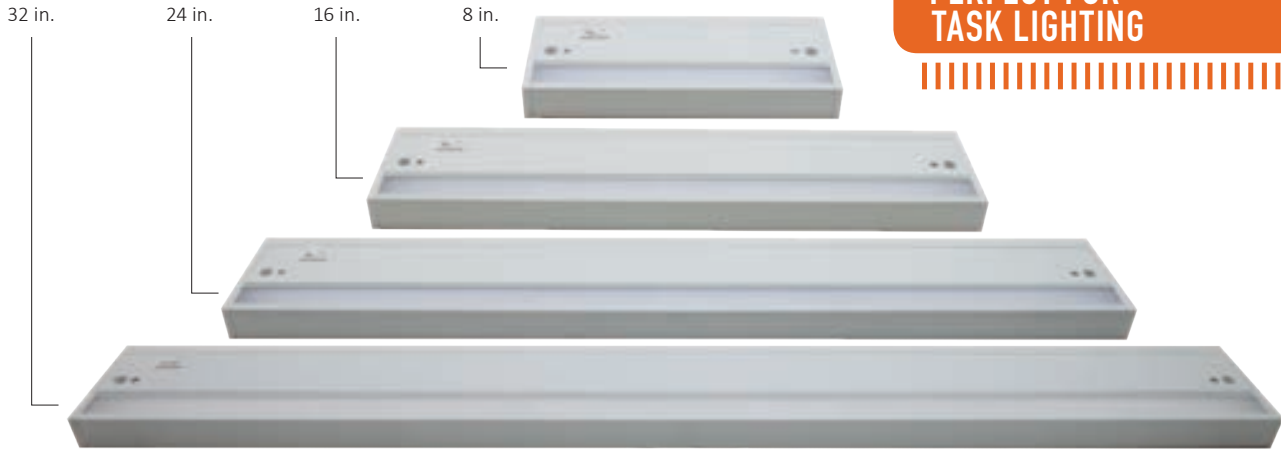
PRODUCT IMAGE	PRODUCT DESCRIPTION	SKU	COLOR
	TRU-LINK Inline Touch Dimmer	DI-TR-TD-BK	Black
		DI-TR-TD-SV	Silver
	TRU-LINK Inline Occupancy Sensor	DI-TR-MS-BK	Black
		DI-TR-MS-SV	Silver
	TRU-LINK DC Plug Connector 12 in.	DI-TR-PWR-DC-B	Black
		DI-TR-PWR-DC-W	White
	TRU-LINK Terminal Block Connector 12 in.	DI-TR-PWR-TB-B	Black
		DI-TR-PWR-TB-W	White
	TRU-LINK Right Angle Terminal Block Connector 72 in.	DI-TR-PWRSF-TB-B	Black
		DI-TR-PWRSF-TB-W	White

## TRU-LINK® Accessories

PRODUCT IMAGE	PRODUCT DESCRIPTION	SKU	COLOR
	TRU-LINK Right Angle DC Plug Connector 72 in.	DI-TR-PWRSF-DC-B	Black
		DI-TR-PWRSF-DC-W	White
	TRU-LINK Bending Extension 12 in.	DI-TR-12BX-B	Black
		DI-TR-12BX-W	White
	TRU-LINK Linkable End-to-End Connector	DI-TR-ETE	White
	TRU-LINK Mounting Clip	DI-TR-MCLIP-B	Black
		DI-TR-MCLIP-S	Silver
	TRU-LINK 45° Mounting Clip	DI-TR-45CLIP-B	Black
		DI-TR-45CLIP-S	Silver
	TRU-LINK Rotating Mounting Clip	DI-TR-RCLIP-B	Black
		DI-TR-RCLIP-S	Silver

# FENCER® Series SABER™ LED Task Light

PERFECT FOR  
TASK LIGHTING



## DIRECT-CONNECT & PREMIUM DIFFUSION



### FEATURES & BENEFITS

- Premium diffused light- No LED hot spots
- 120VAC direct-connect fixture
- Includes captive screws for easy installation
- Easy and fast retrofit for traditional fixtures
- Superior CRI and R values
- Daisy-chain multiple fixtures for long runs

### QUICK SPECS

<b>Voltage</b>	120VAC
<b>Dimmable</b>	Yes
<b>CRI</b>	98
<b>Light Beam Angle</b>	120 degree
<b>Environment</b>	Indoor
<b>Certification</b>	ETL Listed 1598







Visit the product page on the website for specification sheets, install guides and photometric reports.



# FENCER® SABER™ Models & Accessories

**COMPATIBILITY:** Fixtures and accessories are not for use with FENCER FOIL on the next page.

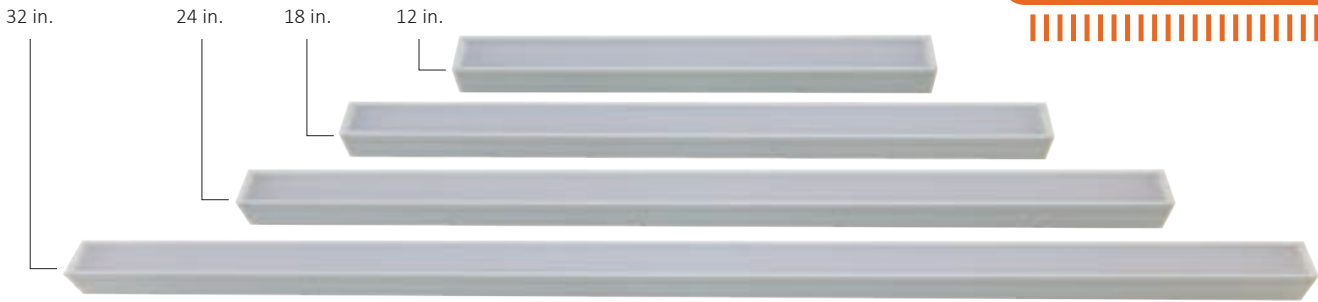
SKU	LENGTH	CCT	LUMENS	FIXTURE COLOR	DIMENSIONS
DI-120V-SABER-PD30-8-WH-V2	8 in.	3000K	278	White	8.21 x 3.62 x 0.96 in.
DI-120V-SABER-PD30-16-WH-V2	16 in.	3000K	620	White	16.03 x 3.62 x 0.96 in.
DI-120V-SABER-PD30-24-WH-V2	24 in.	3000K	844	White	23.85 x 3.62 x 0.96 in.
DI-120V-SABER-PD30-32-WH-V2	32 in.	3000K	1305	White	31.67 x 3.62 x 0.96 in.

PRODUCT IMAGE	PRODUCT DESCRIPTION	SKU	COLOR
	FENCER Series SABER Master On/Off Switch & J-Box	DI-1305-WH	White
	FENCER Series SABER Occupancy Sensor	DI-120V-SABER-MS-WH	White
	FENCER Series SABER Linkable End-to-End Connector	DI-1306-WH	White
	FENCER Series SABER 6 in. Extension Cable	DI-1307-WH	White
	FENCER Series SABER 12 in. Extension Cable	DI-1308-WH	White
	FENCER Series SABER 24 in. Extension Cable	DI-1309-WH	White
	FENCER Series SABER 72 in. Extension Cable	DI-1310-WH	White
	FENCER Series SABER 72 in. Power Cable with AC Plug	DI-1311-WH	White
	FENCER Series SABER 72 in. Power Cable with Hard-Wire Connection	DI-1312-WH	White



# FENCER® Series FOIL™ 2 LED Task Light

**PERFECT FOR TASK LIGHTING**



## DIRECT-CONNECT & PREMIUM DIFFUSION



**END-TO-END LINKABILITY**  
For longer runs, FOIL 2 can be connected end-to-end for a minimized appearance.

### FEATURES & BENEFITS

- Premium diffused light: no LED hot spots
- 120VAC direct-connect fixture
- Easy and fast retrofit for traditional fixtures
- Superior CRI and R values
- Daisy-chain multiple fixtures for long runs

### QUICK SPECS

<b>Voltage</b>	120VAC
<b>Dimmable</b>	Yes
<b>CRI</b>	98
<b>Light Beam Angle</b>	120 degree
<b>Environment</b>	Indoor
<b>Certification</b>	ETL Listed 153 ETL Listed 1598 - see installation guide for details

Visit the product page on the website for specification sheets, install guides and photometric reports.



























**ADJUSTABLE MOUNTING BRACKET**  
FOIL 2 comes with adjustable mounting brackets that allow you to angle your lighting to your preference.



# FENCER® FOIL™ 2 Models & Accessories

**COMPATIBILITY:** Fixtures and accessories are not for use with FENCER SABER on the previous page.

SKU	LENGTH	CCT	LUMENS	FIXTURE COLOR	DIMENSIONS
DI-120V-FOIL-PD27-12-WH	12 in.	 2700K	554	 White	12.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD27-18-WH	18 in.	 2700K	718	 White	18.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD27-24-WH	24 in.	 2700K	1037	 White	24.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD27-32-WH	32 in.	 2700K	1225	 White	32.81 x 0.97 x 1.09 in.
DI-120V-FOIL-PD30-12-WH	12 in.	 3000K	554	 White	12.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD30-18-WH	18 in.	 3000K	718	 White	18.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD30-24-WH	24 in.	 3000K	1037	 White	24.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD30-32-WH	32 in.	 3000K	1225	 White	32.81 x 0.97 x 1.09 in.
DI-120V-FOIL-PD35-12-WH	12 in.	 3500K	554	 White	12.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD35-18-WH	18 in.	 3500K	718	 White	18.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD35-24-WH	24 in.	 3500K	1037	 White	24.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD35-32-WH	32 in.	 3500K	1225	 White	32.81 x 0.97 x 1.09 in.
DI-120V-FOIL-PD40-12-WH	12 in.	 4000K	554	 White	12.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD40-18-WH	18 in.	 4000K	718	 White	18.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD40-24-WH	24 in.	 4000K	1037	 White	24.31 x 0.97 x 1.09 in.
No longer available	32 in.	 4000K	-	 White	32.81 x 0.97 x 1.09 in.

PRODUCT IMAGE	PRODUCT DESCRIPTION	SKU	COLOR
	<b>FENCER Series FOIL Linkable End-to-End Connector</b>	DI-FOIL-ETE-WH	 White
	<b>FENCER Series FOIL 6 in. Extension Cable</b>	DI-FOIL-6EXT-WH	 White
	<b>FENCER Series FOIL 12 in. Extension Cable</b>	DI-FOIL-12EXT-WH	 White
	<b>FENCER Series FOIL 72 in. Power Cable with AC Plug</b>	DI-FOIL-ACPWR-WH	 White
	<b>FENCER Series FOIL 72 in. Power Cable with Hard-Wire Connection</b>	DI-FOIL-HWPWR-WH	 White
	<b>FENCER Series FOIL Direct-Wire Switch &amp; Junction Box</b> Direct-wire Switch and J-Box required for all hard-wired installations.	DI-120V-FOIL-JBOX-WH	 White



# MATTONE<sup>®</sup> 2

## Wall Mounted LED Lighting

The MATTONE<sup>®</sup> 2 LED Step Light is a compact LED step-light fixture that is suitable for both indoor and outdoor applications and features a high 95+ CRI with dimmable capabilities. The light engine and faceplate are designed as one unit, making it an easy-to-install fixture that provides optimal step lighting in a stylish accent design. The MATTONE 2 Step Light is UL Listed as a 120VAC hardwired luminaire and fits inside a standard gang box for an easy installation.

### FEATURES & BENEFITS

- Indoor/outdoor applications
- White or bronze finish options
- 95+ CRI light output
- UL Listed
- Horizontal or vertical applications
- 120VAC Triac dimmable
- Mounts in a single gang-box

### QUICK SPECS

<b>Voltage</b>	120VAC
<b>CCT</b>	3000K
<b>CRI</b>	97
<b>Output</b>	100 lm
<b>Environment</b>	Indoor/Outdoor
<b>Certification</b>	UL Listed

Visit the product page on the website for specification sheets, install guides and photometric reports.

# MATONE 2 Fixture Options

**MATONE 2 INCLUDES:**

Light Engine  
Faceplate & Trim Plate  
Mounting Hardware



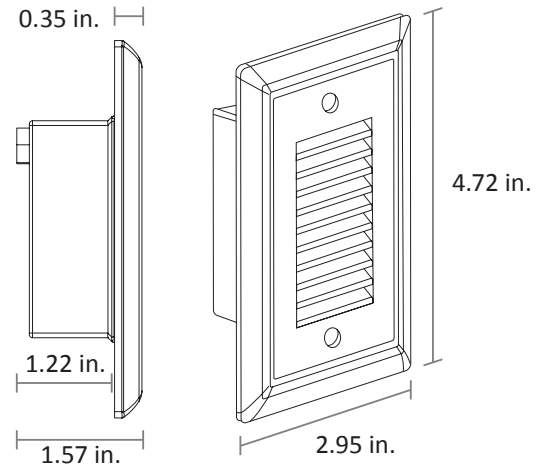
**Vertical  
Louvered  
- Bronze -**  
DI-MAT2-VL-BZ



**Vertical  
Louvered  
- White -**  
DI-MAT2-VL-WH



**Vertical Louvered**

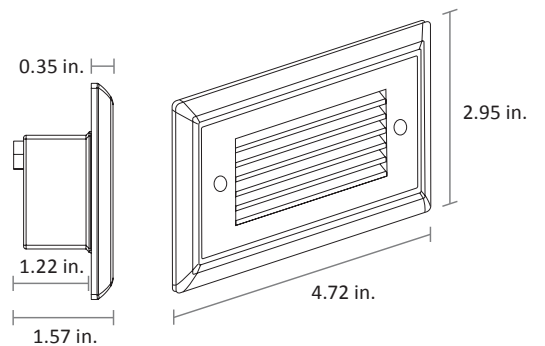


**Horizontal  
Louvered  
- White -**  
DI-MAT2-HL-WH



**Horizontal  
Louvered  
- Bronze -**  
DI-MAT2-HL-BZ

**Horizontal Louvered**





# SPOTMOD® LINK LED Fixture



## FEATURES & BENEFITS

- High color rendering 90+ CRI
- Single LED source
- Plug-and-play installation
- Recessed mounting option
- Daisy-chain up to 7 fixtures

## QUICK SPECS

<b>Voltage</b>	12VDC
<b>CRI</b>	90+
<b>Power Consumption</b>	4W
<b>Dimmable</b>	Yes
<b>Certification</b>	UL Listed 2108

Visit the product page on the website for specification sheets, install guides and photometric reports.



## SPOTMOD LINK

### FINISHES

CCT	LUMENS	WHITE	ALUMINUM	BLACK	BRONZE
2700K	240	DI-12V-SPOT-LK27-90-WH	DI-12V-SPOT-LK27-90-AL	DI-12V-SPOT-LK27-90-BL	DI-12V-SPOT-LK27-90-BR
3000K	240	DI-12V-SPOT-LK30-90-WH	DI-12V-SPOT-LK30-90-AL	DI-12V-SPOT-LK30-90-BL	DI-12V-SPOT-LK30-90-BR
4000K	240	DI-12V-SPOT-LK40-90-WH	DI-12V-SPOT-LK40-90-AL	DI-12V-SPOT-LK40-90-BL	DI-12V-SPOT-LK40-90-BR
5000K*	240	DI-12V-SPOT-LK50-80-WH	DI-12V-SPOT-LK50-80-AL	DI-12V-SPOT-LK50-80-BL	DI-12V-SPOT-LK50-80-BR

\*Only 5000K is 80 CRI

## SPOTMOD LINK ACCESSORIES

### SPOTMOD LINK Adapter Cable (2-pin male to DC female - 1 ft.)

Dimensions: 12 x 0.45 in. (L x Dia)



WHITE	BLACK
DI-SPOT-LK-ADP	DI-SPOT-LK-ADP-BL

### SPOTMOD TILE and LINK Extension Cable (2-pin male to female - 5 ft.)

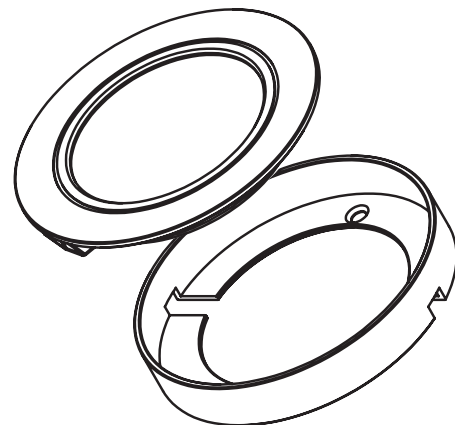
Dimensions: 60 x .25 x .25 in. (L x W x H)



WHITE	BLACK
DI-SPOT-SEXT	DI-SPOT-5EXT-BL

## SPOTMOD LINK

Detachable mounting ring for recessed installations



2.3(dia) x 0.45(depth) in.

# SPOTMOD® TILE LED Fixture



## FEATURES & BENEFITS

- High color rendering 90+ CRI
- Single LED source
- Plug-and-play installation
- Low operating temperature
- SWITCHEX® compatible

## QUICK SPECS

<b>Voltage</b>	12VDC
<b>CRI</b>	90+
<b>Power Consumption</b>	4W
<b>Dimmable</b>	Yes
<b>Certification</b>	UL Listed 2108

Visit the product page on the website for specification sheets, install guides and photometric reports.



## SPOTMOD TILE

### FINISHES

CCT	LUMENS	WHITE	ALUMINUM	BLACK	BRONZE
2700K	220	DI-12V-SPOT-TL27-90-WH	DI-12V-SPOT-TL27-90-AL	DI-12V-SPOT-TL27-90-BL	DI-12V-SPOT-TL27-90-BR
3000K	220	DI-12V-SPOT-TL30-90-WH	DI-12V-SPOT-TL30-90-AL	DI-12V-SPOT-TL30-90-BL	DI-12V-SPOT-TL30-90-BR
4000K	220	DI-12V-SPOT-TL40-90-WH	DI-12V-SPOT-TL40-90-AL	DI-12V-SPOT-TL40-90-BL	DI-12V-SPOT-TL40-90-BR
5000K*	220	DI-12V-SPOT-TL50-80-WH	DI-12V-SPOT-TL50-80-AL	DI-12V-SPOT-TL50-80-BL	DI-12V-SPOT-TL50-80-BR

\*Only 5000K is 80 CRI

## SPOTMOD TILE ACCESSORIES



### SPOTMOD TILE Adapter Cable (2-pin female to DC female - 1 ft.)

Dimensions: 12 x 0.45 in. (L x Dia)

- WHITE
- BLACK

DI-SPOT-TL-ADP      DI-SPOT-TL-ADP-BL



### SPOTMOD TILE Power Distribution Splitter Box, 6-way

Dimensions: 3 x 1 x 0.5 in. (L x W x H)

- WHITE
- BLACK

DI-SPOT-TLSP6      DI-SPOT-TLSP6-BL



### SPOTMOD TILE and LINK Extension Cable (2-pin male to female - 5 ft.)

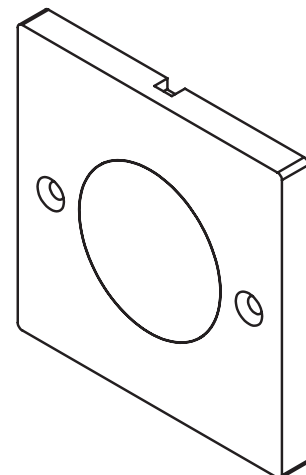
Dimensions: 60 x .25 x .25 in. (L x W x H)

- WHITE
- BLACK

DI-SPOT-5EXT      DI-SPOT-5EXT-BL

## SPOTMOD TILE

Slim design and easy mounting



2.36 x 2.36 x 0.25 in.

# TRIAN<sup>T</sup>

## LED PUCK LIGHT



### FEATURES & BENEFITS

- Sleek, sturdy aluminum housing with multiple finish options
- Exclusive, high performance Samsung<sup>®</sup> LEDs
- Smooth and consistent dimming
- UL Listed for residential and commercial applications













### QUICK SPECS

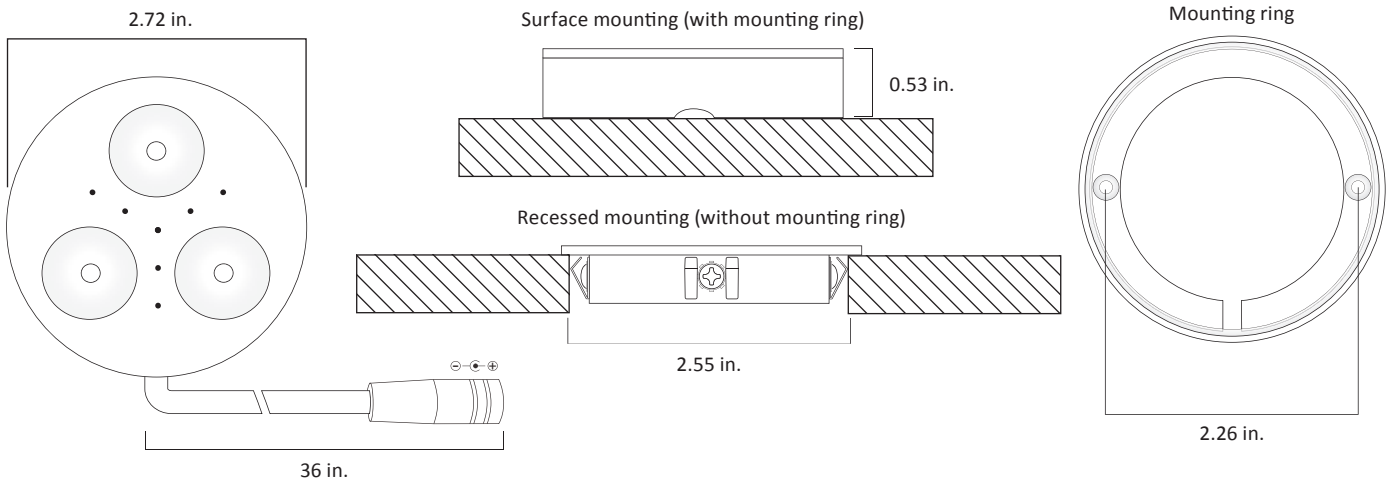
<b>Voltage</b>	12VDC
<b>Wattage per Fixture</b>	3.92W / 326mA
<b>Dimmable</b>	Yes
<b>Environment</b>	Indoor
<b>Dimensions</b>	2.72 x 0.53 in.
<b>Certification</b>	UL Listed 2108

Visit the product page on the website for specification sheets, install guides and photometric reports.





















# TRIAN® Models

SKU	CCT	CRI	LUMENS	FINISH
DI-0332-SA	 3000K	82	275	 Brushed Aluminum
DI-0332-SB	 3000K	82	275	 Black Satin
DI-0332-SW	 3000K	82	275	 White Satin
DI-0333-SA	 6200K	74.5	348	 Brushed Aluminum
DI-0333-SB	 6200K	74.5	348	 Black Satin
DI-0333-SW	 6200K	74.5	348	 White Satin



# TRIAN® Accessories

PRODUCT IMAGE	PRODUCT DESCRIPTION	PRODUCT IMAGE	PRODUCT DESCRIPTION
	<b>Adapter Splice Cable - Female</b> Single: DI-PVC2464-DL42-SPL-F Pack of 5: DI-PVC2464-DL42-SPL-F-5  White Pack of 25: DI-PVC2464-DL42-SPL-F-25		<b>3-Way DC Splitter</b> Single: DI-0705 Pack of 5: DI-0705-5  White Pack of 25: DI-0705-25 Single: DI-0705B Pack of 5: DI-0705B-5  Black Pack of 25: DI-0705B-25
	<b>Adapter Splice Cable - Male</b> Single: DI-PVC2464-DL42-SPL-M Pack of 5: DI-PVC2464-DL42-SPL-M-5  White Pack of 25: DI-PVC2464-DL42-SPL-M-25		<b>4-Way DC Splitter</b> Single: DI-DCSP4 Pack of 5: DI-DCSP4-5  White Pack of 25: DI-DCSP4-25
	<b>39 in. DC Extension Cable</b> Single: DI-0708 Pack of 5: DI-0708-5  White Pack of 25: DI-0708-25 Single: DI-0708B Pack of 5: DI-0708B-5  Black Pack of 25: DI-0708B-25		<b>5-Way DC Splitter</b> Single: DI-0707 Pack of 5: DI-0707-5  White Pack of 25: DI-0707-25 Single: DI-0707B Pack of 5: DI-0707B-5  Black Pack of 25: DI-0707B-25
	<b>2-Way DC Splitter</b> Single: DI-0720 Pack of 5: DI-0720-5  White Pack of 25: DI-0720-25 Single: DI-0720B Pack of 5: DI-0720B-5  Black Pack of 25: DI-0720B-25		





## SPOTMOD® Recessed Gimbal Wet Location LED Fixture

SKU	BEAM ANGLE	CCT	LUMENS	CRI	
DI-SPOT-RG30-15-BA	15°		3000K	130	82
DI-SPOT-RG30-45-BA	45°		3000K	134	82



### FEATURES & BENEFITS

- Sleek, compact and sturdy aluminum housing
- 15° and 45° beam angle options
- Adjustable gimbal for directional lighting
- Suitable for indoor and outdoor applications



<b>Voltage</b>	12VDC
<b>Wattage per Fixture</b>	2.13W / 176mA
<b>Dimmable</b>	Yes
<b>Environment</b>	Outdoor/Indoor
<b>Finish</b>	Brushed Aluminum
<b>Dimensions</b>	1.25 x 2.05 x 0.91 in.
<b>Certification</b>	ETL Listed 2108



Visit the product page on the website for specification sheets, install guides and photometric reports.



## SPOTMOD® Wet Location LED Fixture

SKU	BEAM ANGLE	CCT	LUMENS	CRI	
DI-SPOT-SP30-15-BA	15°		3000K	130	82
DI-SPOT-SP30-45-BA	45°		3000K	134	82



### FEATURES & BENEFITS

- 15° and 45° beam angle options
- Compact and sturdy aluminum housing
- Suitable for indoor and outdoor applications
- Low wattage and heat



<b>Voltage</b>	12VDC
<b>Wattage per Fixture</b>	2.13W / 176mA
<b>Dimmable</b>	Yes
<b>Environment</b>	Outdoor/Indoor
<b>Finish</b>	Brushed Aluminum
<b>Dimensions</b>	1.56 x 1.56 x 1.1 in.
<b>Certification</b>	ETL Listed 2108



Visit the product page on the website for specification sheets, install guides and photometric reports.



## CASCADE® 2 LED Light Bar

SKU	BEAM ANGLE	CCT	LUMENS	CRI	
DI-12V-CS230-8001	12 in.		3000K	295	82
DI-12V-CS230-8002	24 in.		3000K	584	82
DI-12V-CS263-8001	12 in.		6300K	328	84
DI-12V-CS263-8002	24 in.		6300K	655	84



### FEATURES & BENEFITS

- Suitable for indoor and wet location environments
- Ideal for commercial and retail applications
- Plug-and-play installation
- High light output
- Linkable up to 60W



<b>Voltage</b>	12VDC
<b>Wattage per Fixture</b>	(12 in.) 3.4W   (24 in.) 6.7W
<b>Dimmable</b>	Yes
<b>Environment</b>	Outdoor/Indoor
<b>Finish</b>	Brushed Aluminum
<b>Certification</b>	ETL Listed 2108



Visit the product page on the website for specification sheets, install guides and photometric reports.

# Wet Location LED Fixture Accessories

**Connector Note:** Class 2 maximum load limit on all connectors.  
**60W on 12V circuits**

For use with the following fixtures only:  
**SPOTMOD® Gimbal Wet location**  
**SPOTMOD® Wet location**  
**CASCADE® 2**

## Wet Location Splice Connector Pair

One pair is included with strip light. Connector pair includes both male and female connectors.  
 Dimensions: 4.5 x 0.3 in.



SKU	BUNDLE
DI-0725	Single
DI-0725-5	5 Pairs
DI-0725-25	25 Pairs

## FEATURES & BENEFITS

- Wet or dry environments
- Durable and flexible



## Wet Location Male to Female Extension Cables

Creates an extension between wet location light connectors.  
 Dimensions: 0.3 in. (width)



6 IN.	12 IN.	24 IN.	BUNDLE
DI-0757	DI-0758	DI-0759	Single
DI-0757-5	DI-0758-5	DI-0759-5	Pack of 5
DI-0757-25	DI-0758-25	DI-0759-25	Pack of 25

## FEATURES & BENEFITS

- Wet or dry environments
- Durable and flexible



## Wet Location Splitter Plug Connector

Delivers power to multiple non-linear locations.  
 Dimensions: 8 x 0.5 in. (L x W)



2-WAY	3-WAY	5-WAY	BUNDLE
DI-0804	DI-0805	DI-0806	Single
DI-0804-5	DI-0805-5	DI-0806-5	Pack of 5
DI-0804-25	DI-0805-25	DI-0806-25	Pack of 25

## FEATURES & BENEFITS

- Wet or dry environments
- Durable and flexible



## Wet Location Plug to DC Plug Connector

Wet location plug converter for use with DC accessories and Diode LED's Plug-In Adapters. (See page 152-155)  
 Dimensions: 6 x 0.3 in. (L x W)



MALE	FEMALE	BUNDLE
DI-0710M	DI-0710F	Single
DI-0710M-5	DI-0710F-5	Pack of 5
DI-0710M-25	DI-0710F-25	Pack of 25

## FEATURES & BENEFITS

- Wet or dry environments
- Durable and flexible



A modern office ceiling with a dark, ribbed grid. Two long, white, rectangular EMERY™ BEAM lighting fixtures are suspended from the ceiling, angled towards the right. The ceiling is filled with many other similar fixtures, creating a grid of light. The background shows a blurred office space with desks and chairs.

**EMERY™ BEAM**  
Indoor & Outdoor

A

A modern office ceiling with a white, square grid. The EMERY™ STRATUS lighting fixture is integrated into the grid, appearing as a square panel. The office space below is visible, featuring desks, chairs, and a bookshelf. The lighting is bright and even.

**EMERY™ STRATUS**

B



**VOLANTE™**  
Canopy & Flood



# OVERHEAD & HANGING LED FIXTURES

Diode LED overhead and hanging fixtures feature easy installation and high-quality performance. Style meets function for lighting solutions in small residential to large commercial applications.

- A EMERY™ BEAM**  
The easiest batten to install in the industry  
(Page 76)
- B EMERY™ STRATUS**  
The best value and quality combination in a ceiling tile fixture  
(Page 78)
- C VOLANTE™ SERIES**  
Industry defining optic technology in a modular lighting system  
(Page 81)





# THE EASIEST BATTEN TO INSTALL IN THE INDUSTRY

## EMERY™ BEAM LED Batten Fixture

Elemental LED is proud to offer the easiest to install, high quality batten fixture on the market meant to bring savings on installation and maintenance. Whether new construction or retrofit, this attractive energy saving alternative to T8 fixtures can be flush mounted or suspended. Installation is simple with our pressure clips that allow the lens cover to hang, exposing fasteners and mounting system for the installer to easily access. When installation is complete, simply swing lens back into place and latch. No extra access covers, screws, or wires to undo.

The robust design is dimmable and has the ability to link multiple battens together from one power input. High lumen output provides maximum coverage and light distribution that's suitable for direct, indirect, and area lighting applications. Built to last, chose IP20 or IP66 for your indoor or outdoor applications.

### FEATURES & BENEFITS

- Easy and fast install with “quick release” hanging mount
- High lumen output with maximum coverage light distribution
- Energy efficient with internal driver
- Linkable -one power input for multiple battens
- IP20 and IP66 rated

### QUICK SPECS

<b>Voltage</b>	120VAC -277VAC
<b>Linkable</b>	Up to 8 fixtures
<b>CCT</b>	3500K, 4000K, 5000K
<b>Length</b>	48 in.
<b>Dimming</b>	0-10V Dimming
<b>Environment</b>	Indoor & outdoor options

Visit the product page on the website for specification sheets, install guides and photometric reports.






SURFACE MOUNTING & SUSPENSION MOUNTING (CABLES SOLD SEPARATELY)

LINKS UP TO 8 UNITS

OPTIONAL INTEGRATED EMERGENCY BATTERY



## EMERY BEAM Linkable Batten

SKU	EMERGENCY BATTERY BACKUP	LENGTH	CCT OPTION	LUMENS / FIXTURE	WATTAGE	IP RATING
DI-EB35-48L-48-10V	No	48 in.	 3500K	4800	36W	IP20
DI-EB35-48L-48-10V-EM	Yes					
DI-EB40-48L-48-10V	No	48 in.	 4000K	4800	36W	IP20
DI-EB40-48L-48-10V-EM	Yes					
DI-EB50-48L-48-10V	No	48 in.	 5000K	4800	36W	IP20
DI-EB50-48L-48-10V-EM	Yes					
DI-EB-SUSCBLE	EMERY BEAM Suspension Cables – 39 inches long (1x pair)					

**PALLET QUANTITY OPTIONS AVAILABLE: Call for details 877.817.6028**






Emergency backup module

LINKS UP TO 6 UNITS



## EMERY BEAM Wet Location Linkable Batten

SKU	LENGTH	CCT OPTION	LUMENS / FIXTURE	WATTAGE	IP RATING
DI-EB35-48L-W48-10V	48 in.	 3500K	4800	40W	IP66
DI-EB40-48L-W48-10V	48 in.	 4000K	4800	40W	IP66
DI-EB50-48L-W48-10V	48 in.	 5000K	4800	40W	IP66
DI-EB50-10V-WEM	EMERY BEAM Wet Location External Emergency Battery Backup Module - 5000K				



**EXTREMELY HIGH  
LUMEN OUTPUT**

# EMERY™ STRATUS

## LED CEILING TILE FIXTURE

The EMERY STRATUS brings glare-free lighting while delivering task-level illumination to any office or commercial space. EMERY STRATUS combines the ease of installation with the slimmest form factor available. This unique slim design makes it simple to incorporate with ceilings that have complex duct-work and sprinkler systems. EMERY STRATUS Premium offers higher lumens per fixture which means fewer fixtures per square foot.

### FEATURES & BENEFITS

- Easy and fast install
- Integrated driver
- Pallet quantities available
- 3 popular size options
- T-bar installation ready




### QUICK SPECS

<b>Voltage</b>	120VAC-277VAC
<b>CCT</b>	4000K
<b>Output</b>	3700 - 5300 lumens per fixture
<b>Dimming</b>	0-10V Dimming
<b>Environment</b>	Indoor

Visit the product page on the website for specification sheets, install guides and photometric reports.



## EMERY STRATUS Premium High-Lumen Fixture

SKU	DIMENSIONS	CCT OPTION	LUMENS / FIXTURE	WATTAGE
DI-ST40-47L-2X2	2 x 2 ft.	 4000K	4700	40W
DI-ST40-53L-2X4	2 x 4 ft.	 4000K	5300	45W
DI-ST40-38L-1X4	1 x 4 ft.	 4000K	3800	30W

**PALLET QUANTITY OPTIONS AVAILABLE: Call for details 877.817.6028**

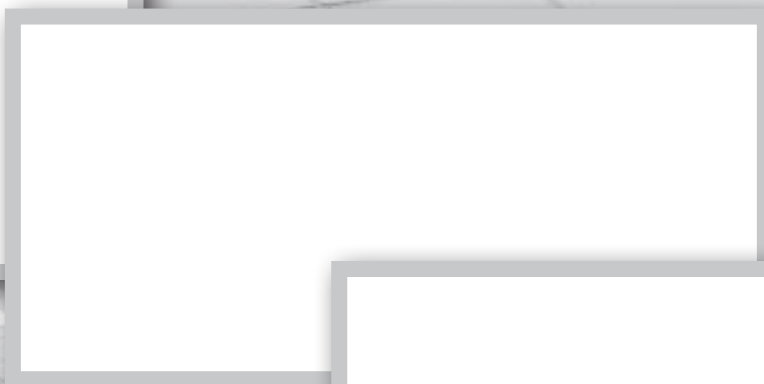


STURDY CONSTRUCTION FEATURES  
MULTIPLE AIR-GAP DIFFUSION FOR  
EVEN & CONSISTENT ILLUMINATION

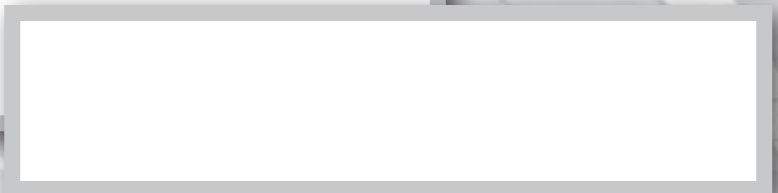
### EMERY STRATUS – AVAILABLE SIZES



2 x 2 ft.

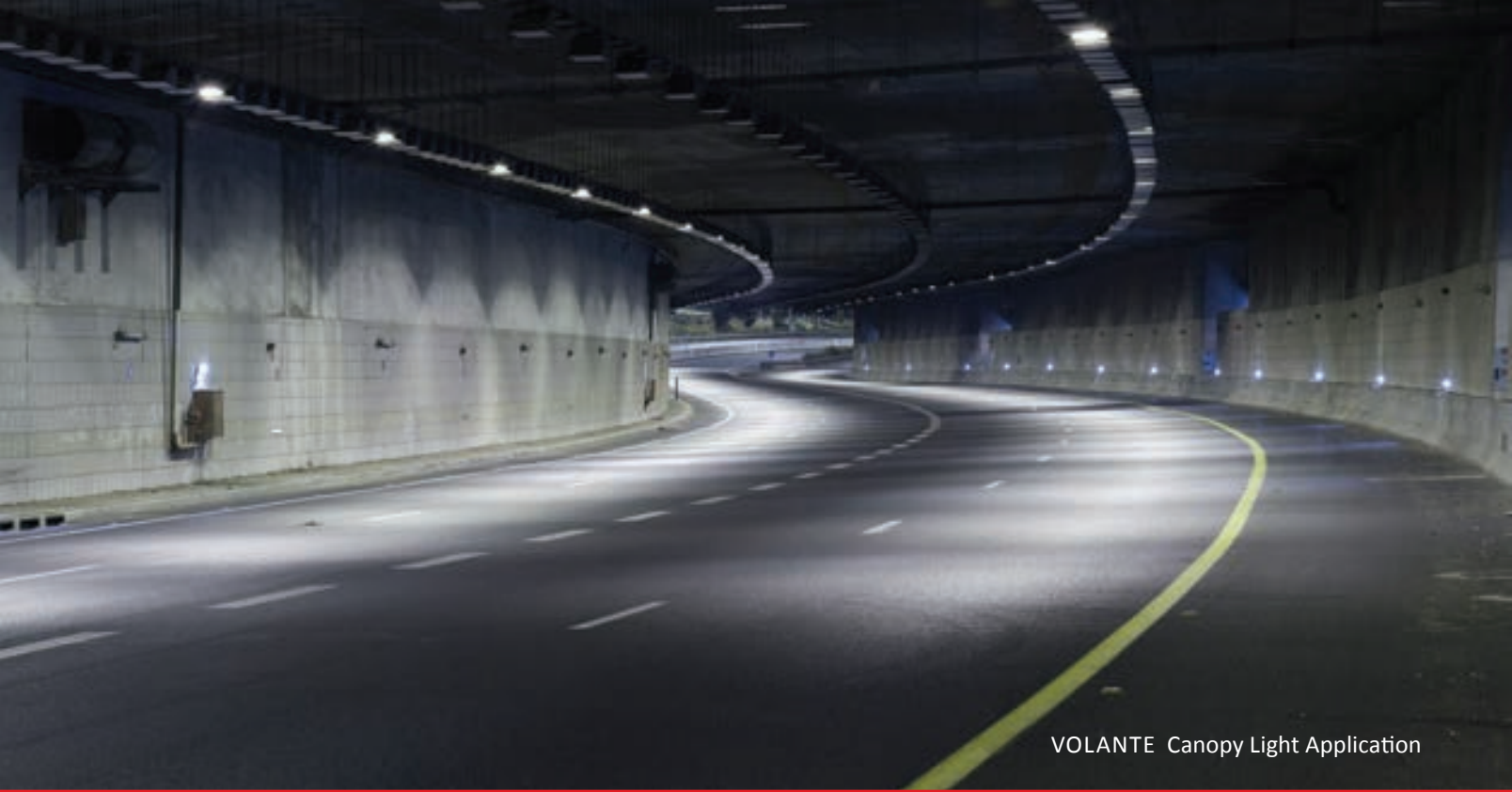


4 x 4 ft.



1 x 4 ft.





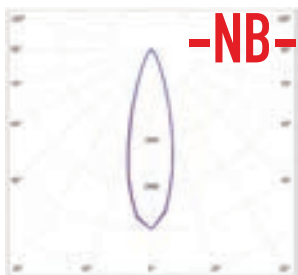
VOLANTE Canopy Light Application



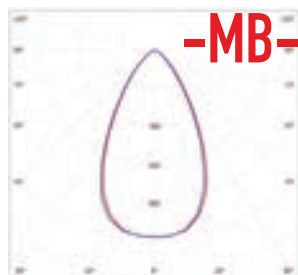
VOLANTE Flood Light Application

## OPTIC TYPES

INDUSTRY DEFINING OPTICS TECHNOLOGY



30° x 30°  
Narrow Beam



60° x 60°  
Medium Beam



90° x 90°  
Wide Beam



30° x 100°  
Type I

# VOLANTE® SERIES

## HIGH OUTPUT FLOOD & CANOPY LIGHTS

FEATURING THE VOLANTE OPTIC SYSTEM

The VOLANTE flood light is a modular lighting system giving you the best in lumen output and beam spread. The modular lighting system is assembled in the United States and offers flexibility for indoor and outdoor lighting. VOLANTE is perfect for the most challenging environments offering an industrial-grade, high-density, IP65 lighting solution. Great for retrofit and new construction.

### CHOOSE YOUR COVERAGE

Choose from the available optic types below that best meets the project specifications.

### CHOOSE YOUR FORMAT

See the next pages for the form-factor options that will work for your environment.

### CHOOSE YOUR OUTPUT

Each format has light output options for your application.

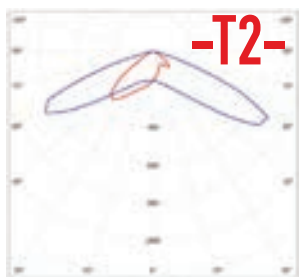
- Parking lots
- Warehouses
- Logistics centers
- Storage yards
- Factories
- Campuses
- Parks



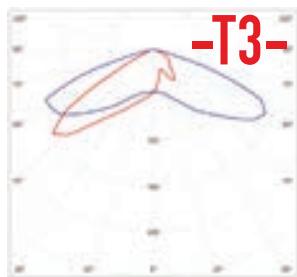
**ASSEMBLED & SHIPPED  
IN 2-3 DAYS**

### INDUSTRY DEFINING OPTICS TECHNOLOGY

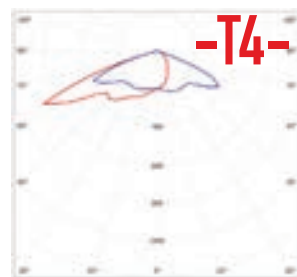
### OPTIC TYPES



50° x 140°  
Type II



40° x 140°  
Type III



30° x 140°  
Type IV



140° x 140°  
Type V

# VOLANTE®

## CANOPY LIGHT



Compact & Modular Design

VOLANTE® Canopy Lighting comes in two-module or three-module configurations. Arrives fully assembled with a lead-wire connection.

- New construction/retrofit
- Storage facilities
- Roadways & parking garages

### FEATURES & BENEFITS

- All models: In-stock and ready to ship
- Units come fully assembled and hardwire ready
- IP65 wet location rated
- ≥ 130 lm/W exceeds performance standards
- Recessed or surface mounting options



### QUICK SPECS

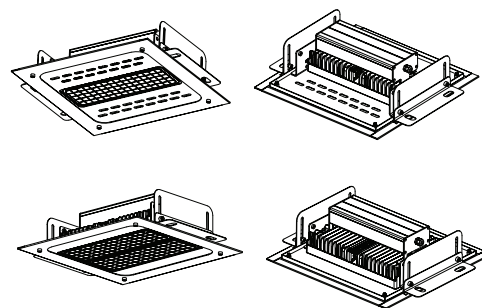
<b>Voltage</b>	120VAC-277VAC
<b>Connection</b>	Hardwire
<b>Environment</b>	Indoor/Outdoor

Visit the product page on the website for specification sheets, install guides and photometric reports.

## VOLANTE® Canopy Light Fixture RECESSED MOUNT

SKU	CCT OPTION	WATTAGE	LUMENS / FIXTURE
DI-VL-CP100W-40-R-**	4000K	100W	14300
DI-VL-CP100W-50-R-**	5000K	100W	14300
DI-VL-CP200W-40-R-**	4000K	200W	26800
DI-VL-CP200W-50-R-**	5000K	200W	26800

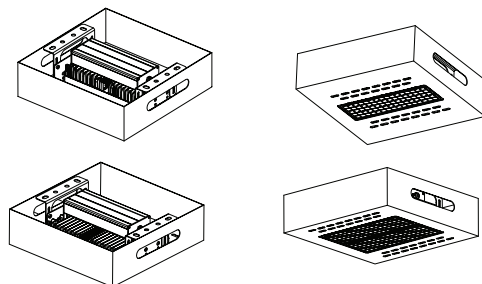
\*\* Use the 'Optic Types' variable from pages 80-81



## VOLANTE® Canopy Light Fixture SURFACE MOUNT

SKU	CCT OPTION	WATTAGE	LUMENS / FIXTURE
DI-VL-CP100W-40-S-**	4000K	100W	14300
DI-VL-CP100W-50-S-**	5000K	100W	14300
DI-VL-CP200W-40-S-**	4000K	200W	26800
DI-VL-CP200W-50-S-**	5000K	200W	26800

\*\* Use the 'Optic Types' variable from pages 80-81









# VOLANTE®

## FLOOD LIGHT



Expandable, High-Output Format

### VOLANTE® Flood Light Fixture

SKU	CCT OPTION	WATTAGE	LUMENS / FIXTURE
DI-VL-FL75W-40-**	 4000K	75W	9600
DI-VL-FL75W-50-**	 5000K	75W	9600
DI-VL-FL150W-40-**	 4000K	150W	19200
DI-VL-FL150W-50-**	 5000K	150W	19200
DI-VL-FL225W-40-**	 4000K	225W	28800
DI-VL-FL225W-50-**	 5000K	225W	28800

\*\* Use the 'Optic Types' variable from pages 80-81



**75W**  
SINGLE MODULE  
CONFIGURATION



**150W**  
TWO MODULE  
CONFIGURATION



**225W**  
THREE MODULE  
CONFIGURATION

VOLANTE Flood Lighting comes in one-module, two-module, and three-module configurations. Arrives fully assembled with a lead-wire connection.

- Building facades
- Area lighting & logistics centers
- Signage & billboards

#### FEATURES & BENEFITS

- All models: In-stock and ready to ship
- Units come fully assembled and hardwire ready
- IP65 wet location rated
- ≥ 130 lm/W exceeds performance standards

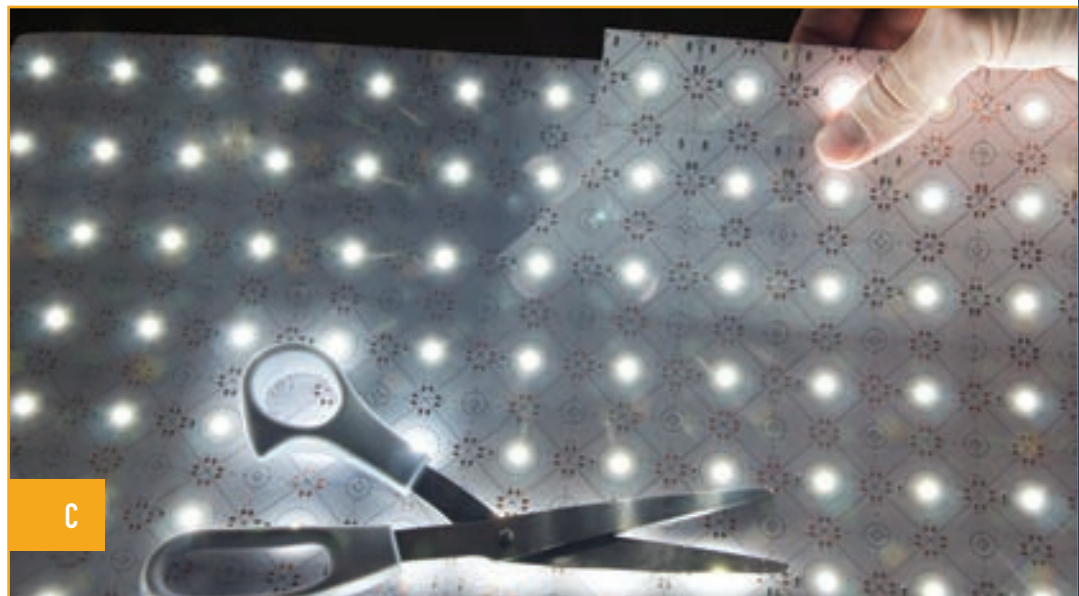


#### QUICK SPECS

<b>Voltage</b>	120VAC-277VAC
<b>Connection</b>	Hardwire
<b>Environment</b>	Indoor/Outdoor

Visit the product page on the website for specification sheets, install guides and photometric reports.





# Are you a manufacturer or display fabricator?

Our **Business Solutions Division** can deliver solutions for your large-scale lighting demands.

Contact us and get connected to a dedicated account manager...

**Phone:** 877.490.4897

**Email:** Solutions@ElementalLED.com



**elemental led**<sup>®</sup>

Technology | Engineering | Innovation

## DISPLAY, SIGN & COMMERCIAL LIGHTING

Diode LED offers a wide breadth of commercial lighting for retail, display and sign lighting. Explore the multitude of possibilities with our high-impact LED lighting solutions from Diode LED.

- A LED LIGHT GUIDE PANELS**  
Backlit panels available in-stock or special order for unique sizes  
(Page 86)
- B EQUIFLUX<sup>®</sup> LED GRAPHICS LIGHT**  
Engineered for backlighting of displays and panels  
(Page 88)
- C PURALIGHT<sup>®</sup> LED LIGHT SHEET**  
A new trimmable LED array that is perfect for lighting complex shapes or specialized displays  
(Page 90)
- D PURALIGHT<sup>®</sup> 2 MODULES**  
These bright and easy to install modules are great for confined decorative lighting  
(Page 92)



## TRANSPARANCIES, GENERAL LIGHTING & DECORATIVE SHELVING

Credit: Forty Nine Degrees, LLC - University of Alabama

# LIGHT GUIDE PANELS

## Display & General Illumination

The best option for even light diffusion across a display or backlit graphic image is now ready to order, with the LED Light Guide Panel by Diode LED. We customize the LED Panel based on your specifications and on the dimensions of the graphic. Using a unique dot pattern on each customized panel, these light guide panels deliver even light distribution previously unavailable on a thin form factor.

### FEATURES & BENEFITS

- Low-profile form factor
- Even and consistent light distribution
- Customized dimensions and thickness

### QUICK SPECS

<b>Voltage</b>	24VDC
<b>CCT</b>	5000K
<b>Dimming</b>	Dimmable
<b>Environment</b>	Indoor
<b>Certification</b>	UL Listed

Visit the product page on the website for specification sheets, install guides and photometric reports.

**FAST TURNAROUND TIMES**



# LIGHT GUIDE PANEL MODELS











## CUSTOM PANEL ORDERING

DO YOU HAVE A UNIQUE OR  
LARGE-SCALE JOB?

LET OUR EXPERIENCED TEAM  
HELP YOU BUILD  
YOUR NEXT LIGHT GUIDE  
PANEL PROJECT.

CALL  
877.817.6028

EMAIL  
quotes@DiodeLED.com

	<b>Custom Sizes:</b> Up to 58 x 118 in. panels	
	<b>LED Color:</b> Specify CCT options or RGB	
	<b>Lumen Output:</b> Custom brightness	
	<b>Control:</b> Dimmable, on/off or remote color control	
	<b>Power Options:</b> Plug-in or hard-wire driver options	



# EQUIFLUX<sup>®</sup> LED

## Display Graphics Light

The EQUIFLUX<sup>®</sup> 1055 LED Display Graphics Lighting System is a high-powered LED linear light mounted on rigid metal printed circuit board (PCB) that provides bright, even lighting for retail and trade show display graphics. The optical LEDs are specifically designed to produce uniform illumination without hot spots or shadows with up to 4 feet of light throw. The bright, evenly distributed light renders whites cleanly and colors vividly. Our EQUIFLUX LED Display Graphics Lighting System was specifically designed and engineered by Elemental LED to provide the highest quality center illumination for display graphics with all the inherent benefits of LED technology.

The optical lens directs the light in an intersecting parallel beam, creating a column of consistent illumination. Each LED is covered by a 10° x 55° degree optical lens that creates an elliptical light throw that optimizes the lumen output. The 10 degree beam angle focuses the vertical light output to provide light within a narrow framework, while the 55 degree beam angle maximizes the spread for overall side-to-side coverage. The result is an ultra-bright, uniform distribution of light with no hot spots or shadows, ideally suited for narrow display frameworks. The lightweight light bar mounts directly to extruded aluminum framing systems and other narrow metal display frame systems using the included slot-mounted compression screws.

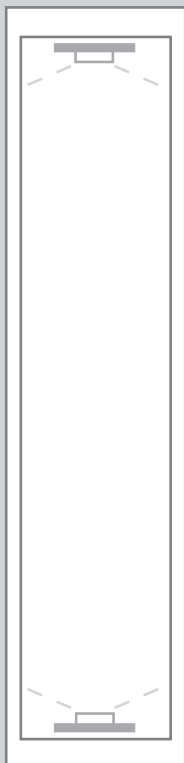
### FEATURES & BENEFITS

- Even and consistent light distribution
- Optically refined reflective patterns
- High-impact light
- Linkable up to 9 ft.

### QUICK SPECS

<b>Voltage</b>	24VDC
<b>Light Beam Angle</b>	10° x 55°
<b>Environment</b>	Indoor only
<b>Certification</b>	UL Listed 2108

Visit the product page on the website for specification sheets, install guides and photometric reports.



#### SIDE VIEW

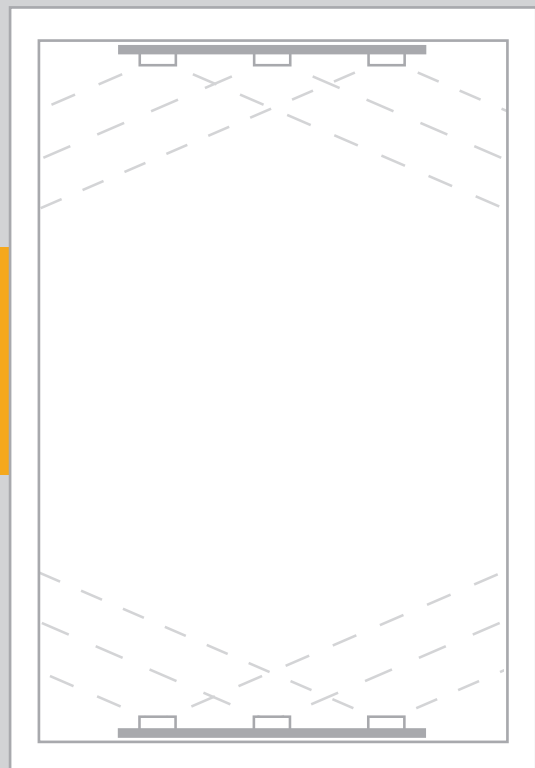
10° vertical lensing provides a narrow vertical lighting beam.

### MAXIMUM LIGHT COVERAGE

With up to 4 feet of light throw, the EQUIFLUX LED Display Graphics Light can fit into most display frame systems for full coverage illumination of graphics.

#### FRONT VIEW

55° horizontal lensing provides a wide horizontal intersecting lighting beam.



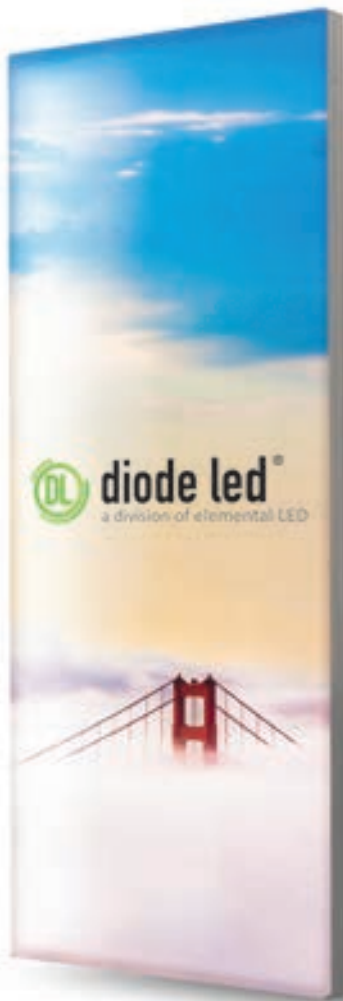
# EQUIFLUX® Model Options

24-inch EQUIFLUX



12-inch EQUIFLUX

SKU	VOLTAGE	LED CHIPS PER FIXTURE	LUMENS PER FIXTURE	WATTAGE PER FIXTURE	CCT	DIMENSIONS
DI-24V-EQUI-6500-12-1055	24VDC	3	686	9.4W	6500K	11.4 x 1.2 x 0.4 in.
DI-24V-EQUI-6500-24-1055	24VDC	6	1371	18.8W	6500K	22.9 x 1.2 x 0.4 in.



## Displays that Stand Out

EQUIFLUX is mounted along the inside edges of the display and directs light inward into the graphic for up to 4 ft. of maximum illumination.





# PURALIGHT<sup>®</sup>

## LED Light Sheet

Puralight is a fully modular way to backlight your display and signage. Easily trim to shape using the on-board trim lines and create complex layouts for most applications. With intuitive, plug and play connections; setting up is fast, simple and safe, reducing installation time and expense.

Unlike most backlighting or signage modules, Puralight uses only 2 inches of space behind a piece of transparent artwork or advertisement for diffused lighting despite space restrictions.

Full sheets of Puralight are also daisy-chain linkable for larger scale projects with optical options available to increase the spread of light

### FEATURES & BENEFITS



- Trim to complex shapes
- Daisy chain linkable
- Dense LED array eliminates hot spots
- 80+ CRI
- Adhesive backing

### QUICK SPECS

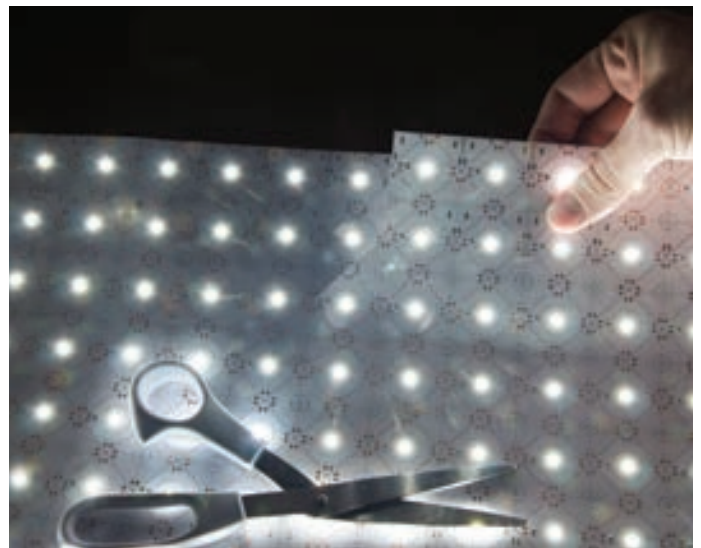
<b>Voltage</b>	12VDC
<b>CRI</b>	80+
<b>Max Run</b>	See Specification Sheet
<b>Light Beam Angle</b>	120° or 160°
<b>Environment</b>	Indoor

Visit the product page on the website for specification sheets, install guides and photometric reports.

## PURALIGHT® LED Light Sheet Options

SKU	BEAM ANGLE	DIMENSIONS	CCT	LUMINOUS FLUX	WATTAGE / SHEET
DI-12V-PS30-120-2009	120°	20 x 9 in.	 3000K	3480Lm	32W
DI-12V-PS30-160-2009	160°				
DI-12V-PS60-120-2009	120°	20 x 9 in.	 6000K	3480Lm	32W
DI-12V-PS60-160-2009	160°				

- CHANNEL LIGHTING
- BACK LIGHTING
- LIGHTBOXES
- DISPLAYS







# PURALIGHT<sup>®</sup> 2 LED Light Modules

The PURALIGHT 2 LED Light Modules come in multi-unit strands of water-resistant, durable modules that are ready to perform in all environments. Easy to install, compact, resilient and high performing with an 80+ CRI output, these light modules are perfect for backlit or channel letter signage, halo illumination and architectural accents. The support of our Customer Service Team along with an IP65 rating promote peace of mind for an installation that will stand the test of time.

## FEATURES & BENEFITS

- Wide beam angle eliminates hot spots
- 80+ CRI: Superior color rendering
- IP65 (Indoor/Outdoor)
- Adhesive backing
- Cuttable between modules

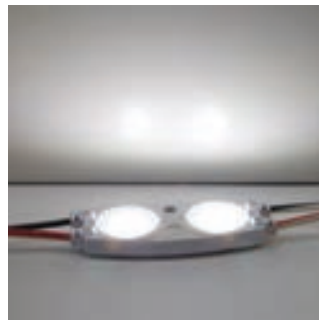
## QUICK SPECS

<b>Voltage</b>	12VDC
<b>Light Beam Angle</b>	160°
<b>Environment</b>	Outdoor/Indoor
<b>Certification</b>	Component Recognized

Visit the product page on the website for specification sheets, install guides and photometric reports.



MONOBRIGHT™



DUOBRIGHT™



TRIOBRIGHT™



TILEBRIGHT™

# PURALIGHT® 2 Model Options

## MONOBRIGHT™ LED Light Module



SKU	CCT	INPUT VOLTAGE	LUMENS PER MODULE	CRI	WATTAGE PER MODULE / SPOOL	MAXIMUM RUN	DETAILS
DI-12V-P2-MB75	7500K	12VDC	181	72	2.1W / 42W	20 ft.	52 x 35 x 7.4 mm 2.05 x 1.38 x 0.3 in.  20 modules /strand

## DUOBRIGHT™ LED Light Module



SKU	CCT	LUMENS PER MODULE	INPUT VOLTAGE	CRI	WATTAGE PER MODULE / SPOOL	MAXIMUM RUN	DETAILS
DI-12V-P2-DB**	3000K	56	12VDC	84	0.72W / 36W	50 ft.	49.2 x 20.5 x 5.5 mm 1.94 x 0.81 x 0.22 in.  40 modules /strand
	4000K	64					
	5000K	63					
	6200K	65					
	9000K	59					
	11000K	58					
	Yellow	See					
	Red	Specification					
	Green	Sheet					
Blue	Sheet						

## TRIOBRIGHT™ LED Light Module



SKU	CCT	LUMENS PER MODULE	INPUT VOLTAGE	CRI	WATTAGE PER MODULE / SPOOL	MAXIMUM RUN	DETAILS
DI-12V-P2-TB**	3000K	78	12VDC	84	1.08W / 43.2W	40 ft.	73 x 19 x 5.5 mm 2.88 x 0.75 x 0.22 in.  40 modules /strand
	4000K	94					
	5000K	87					
	6200K	88					
	9000K	98					
	11000K	85					
	Yellow	See					
	Red	Specification					
	Green	Sheet					
Blue	Sheet						

## TILEBRIGHT™ LED Light Module



SKU	CCT	LUMENS PER MODULE	INPUT VOLTAGE	CRI	WATTAGE PER MODULE / SPOOL	MAXIMUM RUN	DETAILS
DI-12V-P2-TL**	3000K	105	12VDC	84	1.44W / 57.6W	40 ft.	48 x 44.3 x 4.5 mm 1.89 x 1.75 x 0.18 in.  40 modules /strand
	4000K	121					
	5000K	114					
	6200K	128					
	9000K	114					
	11000K	110					
	Yellow	See					
	Red	Specification					
	Green	Sheet					
Blue	Sheet						

**\*BUILD YOUR SKU NUMBER:** Substitute with **30**(3000K), **40**(4000K), **50**(5000K), **62**(6200K), **90**(9000K), **11**(11000K) CCT options or **YL**(Yellow), **RD**(Red), **GN**(Green), **BL**(Blue)

## TRIOBRIGHT™ RGB LED Light Module



SKU	CCT	INPUT VOLTAGE	LUMENS PER MODULE	CRI	WATTAGE PER MODULE / SPOOL	MAXIMUM LENGTH	DETAILS
DI-12V-TRGB	RGB	12VDC	14 max	N/A	0.72W / 18W	25 ft.	71 x 12 x 7.2 mm 2.78 x 0.47 x 0.28 in.  25 modules /strand



# SPOTMOD<sup>®</sup> SLIK SERIES LED Panel Light

The SPOTMOD<sup>®</sup> SLIK Series is a panel lighting system engineered with advanced optics technology to create even lumen distribution and reduce glare. To enhance its installation opportunities, it is available in a wide selection of multipurpose shapes to accommodate high-demand applications like cabinetry, work stations, or displays. The product line is a dimmable, high-lumen fixture with superior color rendering and is easy to install by professionals of all levels.

## FEATURES & BENEFITS

- Zero Line Diffusion™
- Plug-and-play installation
- Superior color rendering
- UL Listed

## QUICK SPECS

<b>Voltage</b>	12VDC
<b>Dimmable</b>	Yes
<b>Environment</b>	Indoor only
<b>Certification</b>	UL Listed

Visit the product page on the website for specification sheets, install guides and photometric reports.



# SPOTMOD® SLIK Models

(ALL MODELS INCLUDE MOUNTING SCREWS AND ADHESIVE SURFACE)

STYLE	SKU	CCT OPTION	LUMENS / PANEL*	CRI
<b>SLIK TRIANGLE</b>  4 x 4 in.	DI-12V-SLA30-4TR-W	 3000K	81	90+
	DI-12V-SLA40-4TR-W	 4000K		
	DI-12V-SLA60-4TR-W	 6000K		
<b>SLIK SQUARE</b>  4 x 4 in.	DI-12V-SLA30-4SQ-W	 3000K	166	90+
	DI-12V-SLA40-4SQ-W	 4000K		
	DI-12V-SLA60-4SQ-W	 6000K		
<b>SLIK RECTANGLE 8</b>  4 x 8 in.	DI-12V-SLA30-8RT-W	 3000K	377	90+
	DI-12V-SLA40-8RT-W	 4000K		
	DI-12V-SLA60-8RT-W	 6000K		
<b>SLIK RECTANGLE 12</b>  4 x 12 in.	DI-12V-SLA30-12RT-W	 3000K	566	90+
	DI-12V-SLA40-12RT-W	 4000K		
	DI-12V-SLA60-12RT-W	 6000K		
<b>SLIK ARCH</b>  5 x 11 in.	DI-12V-SLA30-4AR-W	 3000K	444	90+
	DI-12V-SLA40-4AR-W	 4000K		
	DI-12V-SLA60-4AR-W	 6000K		

\* Lumen output is measured in accordance to IES LM-79-08. LED chips have a luminous flux range with a tolerance of +/- 5%. Lumen Output measured against 4000k Color Temperature Fixtures.



# Caséta™ Wireless



A

## CASAMBI



B



C



D

# EVOLUTION IS CONSTANT

Visit the website for up to the minute technology solutions for smart and connected devices.

- Wi-Fi Enabled
- Bluetooth Pairing
- Amazon Echo
- Google Home
- Apple Homekit



DIODE LED Introduces  
**CONNECTED  
SOLUTIONS**

[www.DiodeLED.com](http://www.DiodeLED.com)

## CONTROL SYSTEMS, SWITCHES & DIMMERS

### **A** CASÉTA™ SMART SWITCH

From Lutron®, the smartest switch in the market now works with select Diode LED products (Page 106)

### **B** CASAMBI SMART CONTROL

0-10v control, high-voltage dimming, low-voltage dimming, and color control (Page 104)

### **C** SWITCHEX®

The award winning driver-dimmer 2-in-1 switch (Page 103)

### **D** DMX CONTROL SYSTEMS

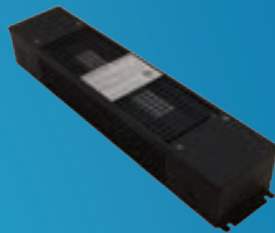
Large-scale and programmable light systems (Page 100)



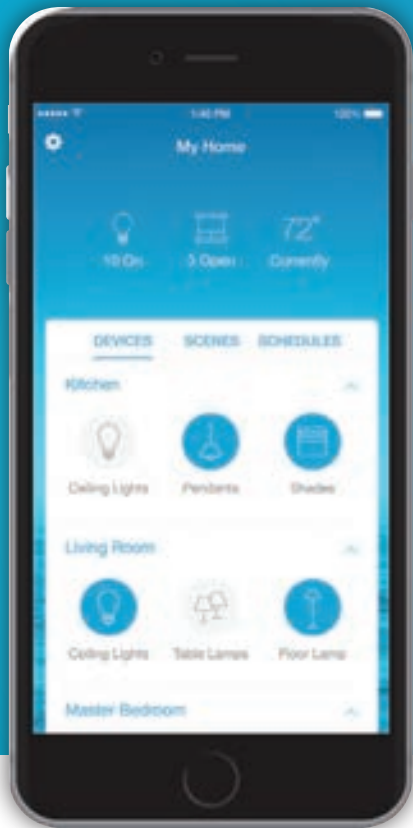
## Diode LED presents Caséta compatibility

Caséta from Lutron is a smart lighting control system that is a great solution for giving any client smart lighting control. It was purposely built to work in homes of all ages - it works with older wiring as well as new - and besides being easy to install, it's very easy to use. Caséta is also the most connected smart lighting control brand, so your clients can seamlessly integrate other smart home products and services such as Alexa, Siri, Google Assistant, the Nest range of devices, and more.

COMPATIBLE WITH OMNIDRIVE® 2



OMNIDRIVE® 2 Electronic Dimmable Driver Page 136



**STEP 1**  
Install Caséta dimmers.

*Recommended installation by a certified electrician.*



**STEP 2**  
Connect Smart Bridge to your Wi-Fi router.







*Smart Bridge required for connectivity.*

**STEP 3**  
Download the app and walk through the set-up on your mobile device.



## CASÉTA Wall Dimmer

Smart lighting dimmer switch





SKU	COLOR	WORKING VOLTAGE	MAX. LOAD
PD-6WCL-WH	 White	120VDC	150W
PD-6WCL-IV	 Ivory		
PD-6WCL-LA	 Light Almond		
PD-6WCL-BL	 Black		

Add (-C) suffix for Canada - Example: PD-6WCL-WH-C



## Lutron Claro® Wallplate

Flush wallplate that fits with Caséta Dimmer & Pico bracket mount

SKU	COLOR
CW-1-WH	 White
CW-1-IV	 Ivory
CW-1-LA	 Light Almond
CW-1-BL	 Black









## LUTRON Smart Bridge

Smart hub required for mobile functionality

SKU	WORKING VOLTAGE
L-BDG2-WH	5V Plug-In Adapter (Included)
L-BDG2-WH-C (Canada)	

## CASÉTA Pico Remote

Wireless remote dimmer switch (Wall Dimmer required)

SKU	COLOR	WORKING VOLTAGE
PJ2-3BRL-WH-L01R	 White	3V Battery Included
PJ2-3BRL-IV-L01R	 Ivory	
PJ2-3BRL-LA-L01R	 Light Almond	
PJ2-3BRL-BL-L01R	 Black	
L-PED1-WH	 White	Desk Stand
L-PED1-BL	 Black	
PICO-WBX-ADAPT	Wall Mount Bracket	



Desk Stand accessory



Wire Free Wall Mount accessory (Wallplate sold separately)



# REIGN® Wall Mount LED Dimmer Switch

REIGN Wall Mount LED Dimmer Switches are the stylish companion for Constant Voltage Drivers to provide smooth dimming range, from 100% – 1%, with no flickering, humming or dead-travel. They fit right into a standard electrical box for easy installation.

**TOUCH DIMMER:**

Featuring a touch-sensitive surface with fade-on/fade-off illumination and power memory

**BUTTON SLIDE:**

Intuitive and compact slider with an on/off button switch with fade-on/fade-off illumination

**FULL SLIDE**

A sturdy, easy-to-grip slider with an on/off toggle switch

**FEATURES & BENEFITS**

- 12V-24V PWM Dimmers
- Choice of 2 finishes
- 100W limit
- Easy upgrade from a single on/off switch



TOUCH DIMMER



FULL SLIDE



BUTTON SLIDE

**QUICK SPECS**

<b>Environment</b>	Indoor
<b>Voltage</b>	12VDC & 24VDC
<b>Maximum Wattage</b>	100W
<b>Mounting</b>	Standard electrical box
<b>Certification</b>	ETL Listed 508

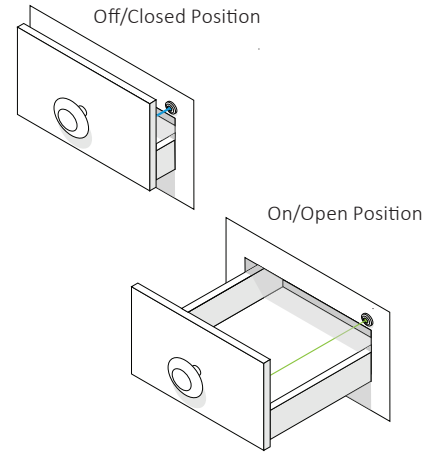
**COMPATIBILITY NOTE**

REIGN Dimmer Switches are low voltage dimmer switches that operate only with our standard 12V or 24VDC Constant Voltage Drivers (page 172-175). See the specifications sheet on [www.DiodeLED.com](http://www.DiodeLED.com) for compatibility and installation guidelines.

VIEW FULL SPECIFICATION SHEETS AT [www.DiodeLED.com](http://www.DiodeLED.com)

SKU	VOLTAGE	FINISH	SWITCH TYPE
DI-1150-LA	12-24VDC	Light Almond	Button Slide
DI-1150-W	12-24VDC	Gloss White	Button Slide
DI-1151-LA	12-24VDC	Light Almond	Full Slide
DI-1151-W	12-24VDC	Gloss White	Full Slide
DI-REIGN-TS-LA	12-24VDC	Light Almond	Touch Dimmer
DI-REIGN-TS-WH	12-24VDC	Gloss White	Touch Dimmer

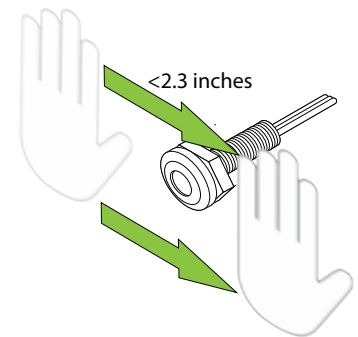




## Proximity Sensor Switch

Perfect for cabinets and drawers, the switch is off when the sensor is obstructed or blocked. It then turns on when the sensor is uncovered.

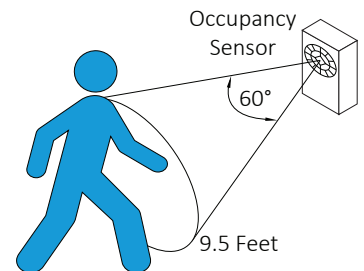
SKU	WORKING VOLTAGE	MAX. LOAD
DI-SWTH-PRX	12-24VDC	12V: 60W max. 24V: 96W max.



## Passive Sensor Switch

Wave hand in front of sensor (range  $\leq 2.3$  inches) to activate lighting; wave again to deactivate lighting.

SKU	WORKING VOLTAGE	MAX. LOAD
DI-SWTH-PSV	12-24VDC	12V: 60W max. 24V: 96W max.



## Occupancy Sensor Switch

Detects motion within view of sensor at a range of approximately 9.5 feet. On/off functionality only.

SKU	WORKING VOLTAGE	MAX. LOAD
DI-SWTH-HW-OCS	12-24VDC	12V: 60W max. 24V: 96W max.

## 12V-24VDC Inline Switches & Dimmers

Choose from any of these dimmers and switches for use with our low-voltage LED lighting and Constant Voltage Driver or Plug-In Adapter for simple control over your lighting application.

Consult the product page at [www.DiodeLED.com](http://www.DiodeLED.com) to find complete installation guides and specification sheets.



### Inline LED Dimmer Switch

This easy-to-use LED Dimmer Switch allows you to adjust the brightness of LED lights with a classic rotary knob without any troublesome flickering.

SKU	WORKING VOLTAGE	MAX. LOAD	COLOR
DI-0715	12-24VDC	<b>2A</b> 12V: 24W max. 24V: 48W max.	White
DI-0715-B	12-24VDC		Black
DI-INLINE-DS-5A-W	12-24VDC	<b>5A</b> 12V: 60W max. 24V: 100W max.	White
DI-INLINE-DS-5A-B	12-24VDC		Black

#### FEATURES & BENEFITS

- Good for tight installations
- White or Black
- 12V and 24V compatible
- Use with Constant Voltage Drivers and Plug-In Adapters



### Inline On/Off Led Switch

The Inline On/Off LED Switch uses a simple on/off toggle to control power flow between power and fixture.

SKU	WORKING VOLTAGE	MAX. LOAD	COLOR
DI-0714	12-24VDC	<b>2A</b> 12V: 24W max. 24V: 48W max.	White
DI-0714-B	12-24VDC		Black
DI-INLINE-OS-5A-W	12-24VDC	<b>5A</b> 12V: 60W max. 24V: 100W max.	White
DI-INLINE-OS-5A-B	12-24VDC		Black

#### FEATURES & BENEFITS

- Good for tight installations
- White or Black
- 12V and 24V compatible
- Use with Constant Voltage Drivers and Plug-In Adapters



# SWITCHEX<sup>®</sup>

## Driver + Dimmer Switch

The patented SWITCHEX combines an LED dimmer switch and LED power supply into a single integrated unit. The SWITCHEX Driver + Dimmer Switch accepts 120VAC and converts it to low voltage DC, all within a standard electrical box. With power options up to 100W, it is a true revolutionary step forward for power and control of LED lighting.

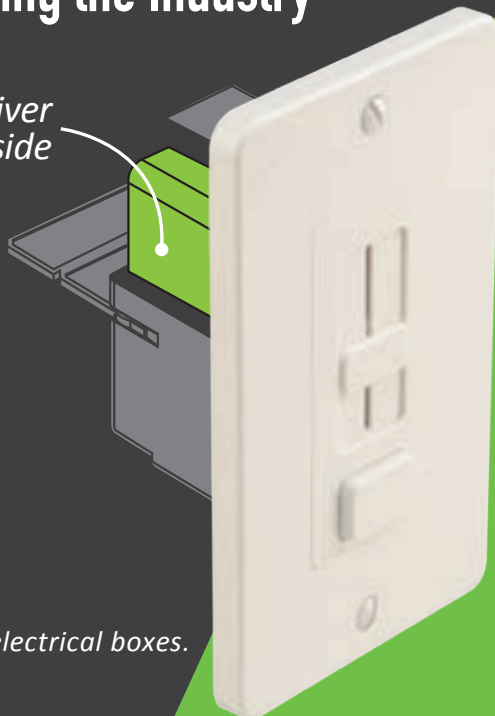
SEE MODEL OPTIONS ON PAGE 156 OR  
LEARN MORE ABOUT SWITCHEX ON THE  
WEBSITE...

[www.DiodeLED.com/switchex](http://www.DiodeLED.com/switchex)



### The Award Winning Driver + Dimmer Is Dominating the Industry

*The driver  
is inside*



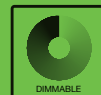
*Fits in standard electrical boxes.*

#### FEATURES & BENEFITS

- Simplifies your LED installation
- Eliminates compatibility issues between drivers and switches
- Superior LED dimming performance (100% – 5%)
- Preset dimmer with on/off switch
- Interchangeable faceplate colors included

#### QUICK SPECS

Environment	Indoor
Input Voltage	120VAC
Output Voltage	12VDC & 24VDC models
Wattage	40W, 60W & 100W models
Mounting	Standard electrical box
Certifications	UL Listed 2108





# CASAMBI

ALL OF YOUR DIODE LED LIGHTING  
CONTROLLED FROM A SINGLE APPLICATION

- 0-10V CONTROL
- HIGH-VOLTAGE DIMMING
- LOW-VOLTAGE DIMMING
- COLOR CONTROL

Diode LED Introduces the Casambi line of Bluetooth enabled smart devices that provide dimming and color control from your mobile device.

Thanks to three diverse controller models and a high performance app, for IOS and Android, you can add dimming and color control to most lighting systems for both low-voltage and high-voltage. All Casambi products are configured via the app. Visit [www.DiodeLED.com](http://www.DiodeLED.com) for more details and compatibility.



## CASAMBI PWM4

Single color dimming and color control.



SKU	WORKING VOLTAGE	MAX. LOAD
CBU-PWM4	12-24VDC	12V: 48W max. 24V: 96W max.

Compatible with the following Diode LED Products.

- |  |   |                               |
|--|---|-------------------------------|
| BLAZE™ X<br>VALENT® X<br>BLAZE™ BASICS<br>HYDROLUME® | HYDROLUME® RGB<br>DAZZLE® RGB(W)<br>FLUID VIEW®<br>BLAZE™ | DOUBLE BLAZE™<br>ULTRA BLAZE™ |
|--|---|-------------------------------|



## CASAMBI ASR

0-10V dimming control.  
Requires dedicated Constant Voltage power sources.



SKU	WORKING VOLTAGE
CBU-ASR	12-24VDC

0-10V dimming control with the following Diode LED Power Supplies.

- |  |  |
|--|--|
| (No Power Pack Required)<br><b>0-10V Dimmable Drivers</b><br>Pg. 142 | (Power Pack Required)<br><b>EMERY™ BEAM®</b> Pg. 76<br><b>EMERY™ STRATUS®</b> Pg. 78 |
|--|--|



## CASAMBI TED

AC high-voltage dimmer can control incandescent and dimmable LED fixtures.



SKU	WORKING VOLTAGE	MAX. LOAD
CBU-TED	85-240VAC	24W

Compatible dimming control with these Diode LED Power Supplies.

- |                              |                                |
|------------------------------|--------------------------------|
| <b>OMNIDRIVE®</b><br>Pg. 134 | <b>OMNIDRIVE® 2</b><br>Pg. 136 |
|------------------------------|--------------------------------|

# COLOR CONTROL & CONNECTIVITY



## ATTRIBUTE™ Color Controller System

REMOTE CONTROL



CONTROL RECEIVER



### FEATURES & BENEFITS

- Compact and easy to use
- Includes one receiver and one (RF) remote
- Ideal for small scale applications
- Single zone function
- Works with RGB & RGBW LED lighting
- 10 pre-loaded dynamic control settings



SKU

DI-ATT-RGBW-REM

TYPE

ATTRIBUTE RGB(W) Receiver and Remote Controller

# TOUCHDIAL™

## LED CONTROL SYSTEM

Color Control  
Dimming Control  
Smartphone Control



### TOUCHDIAL™ LED Control System

The TOUCHDIAL zone control system controls solid-color dimming and RGB(W) LED lighting via mobile device and additional TOUCHDIAL controls.



### FEATURES & BENEFITS

- Works in existing WiFi network
- iOS and Android devices
- Controls up to 8 lighting zones
- Expandable with additional receivers



### TOUCHDIAL™ Receiver

DI-RF-REC-CV-A

Receiver can be paired with any controller in the TOUCHDIAL Line.



### TOUCHDIAL™ Mini-Receiver

DI-RF-REC-CV-SC

Miniature Receiver for use with single color controllers and lighting only.

### Wall Paddle Dimmer

DI-RF-WPD-DIM-1



### Dual Wall Paddle Dimmer

DI-RF-WPD-DIM-2



### Wall Dimmer Single Color

DI-RF-WMT-DIM



### Remote Dimmer Single Color

DI-RF-REM-DIM-5



### Mini Remote Dimmer Single Color

DI-RF-REM-DIM-1



### Wall Controller RGB(W)

DI-RF-WMT-RGBW



Not Compatible

### Remote Control RGB(W)

DI-RF-REM-RGBW-4



Not Compatible

### Mini Remote Controller RGB(W)

DI-RF-REM-RGBW-1



Not Compatible

### WiFi Hub

DI-WIFI-RF-TRMS



# TOUCHDIAL™ LED CONTROLS & ACCESSORIES

## TOUCHDIAL SINGLE COLOR DIMMING CONTROL



### Wall Paddle Dimmer

DI-RF-WPD-DIM-1  
Single zone, wall mounted dimmer, and on/off switch.



### Dual Wall Paddle Dimmer

DI-RF-WPD-DIM-2  
Two zone, wall mounted dimmer, and on/off switch.



### Wall Dimmer Single Color

DI-RF-WMT-DIM  
Wireless, surface mount dimmer. No in-wall wiring necessary.



### Remote Dimmer Single Color

DI-RF-REM-DIM-5  
Wirelessly dim single color lighting in up to 5 zones.



### Mini Remote Dimmer Single Color

DI-RF-REM-DIM-1  
Put dimming control in the palm of your hand. Magnetic or screw mount.

## TOUCHDIAL COLOR CONTROL



### Wall Controller RGB(W)

DI-RF-WMT-RGBW  
Wireless, surface mount dimmer. No in-wall wiring necessary.



### Remote Control RGB(W)

DI-RF-REM-RGBW-4  
This master controller will control color AND dim your lights in up to 4 zones.



### Mini Remote Controller RGB(W)

DI-RF-REM-RGBW-1  
Put color control in the palm of your hand. Magnetic mount included.

## TOUCHDIAL WIFI



### WiFi Hub

DI-WIFI-RF-TRMS  
Control multiple zones of dimmable or color changing lighting with your mobile device.



# DMX CONTROL & CONNECTION



## CONTROL

DMX controllers offer a wide range of options from per-programmed control to fully customized scenes and functions.



## CONNECT

For a complete selection of DMX connectors for connecting to low-voltage lighting visit the website. [www.DiodeLED.com](http://www.DiodeLED.com).



## EXPAND

Expand the number of luminaires or zones on a single controller or control from distances of up to 1,000 feet away.

## DMX DECODER + DRIVER

Commercial lighting has never been easier. The new DMX Driver combines the operations of a low voltage 24V Class 2 driver and a DMX Decoder into a single unit. UL listed for indoor usage, the 4 channel DMX 512 compatible driver meets commercial grade 24V Class 2 requirements for both color changing and single color applications.

Also available with a UL Listed junction box option

See specifications on **page 146**

### QUICK SPECS

<b>Input</b>	100-277VAC
<b>Output</b>	24VDC
<b>Wattage</b>	Up to 96W*
<b>Dimmable</b>	DMX only
<b>Certification</b>	UL Listed

\* See specification sheet for power guidelines.

Visit the product page on the website for specification sheets and install guides.



More DMX accessories can be viewed at [www.DiodeLED.com](http://www.DiodeLED.com)

# DMX Control

## STAY UP TO DATE

Visit [www.DiodeLED.com](http://www.DiodeLED.com) for the latest in DMX control and DMX accessories.



### Nicolaudie® STICK-KE1 DMX LED Controller



The sleek, touch-sensitive keypad lets you select color-changing mode, speed and dimming and can store up to 200 custom lighting scenes across 5 separate zones.

SKU	WIFI	DIMENSIONS
DI-DMX-ST1	Router required	6.61 x 5.03 x 0.50 in.
DI-DMX-KE2	Router required	4.17 x 5.75 x 0.40 in.

### FEATURES & BENEFITS

- Software programmable
- Fits in a single gang box
- iOS and Android compatible



### DMX Wall Mount Controller



Professional-level control of color-changing RGB and RGBW LED lighting in one or multiple lighting zones.

SKU	WIFI	DIMENSIONS
DI-DMX-WIFI-WMUS-3Z-WH	Built-in	4.72 x 2.95 x 1.15 in.

### FEATURES & BENEFITS

- IOS & Android compatible
- Up to 3 zones
- Fits in a single gang box



### Nicolaudie® STICK-GA2 DMX LED Controller



The sleek, attractive, touch-sensitive surface lets you control and dim color-changing lights, as well as dim single color LED lights.

SKU	WIFI	DIMENSIONS
DI-DMX-GA2	Not Available	4.43 x 3.38 x 0.39 in.

### FEATURES & BENEFITS

- Digital display
- Touch-sensitive pad
- Fits in a single gang box



### Nicolaudie® STICK-DE3 DMX LED Controller



Our most robust DMX controller, the STICK-DE3 can store up to 500 scenes across 10 separate zones and features a full-color display for operational and zone related information.

SKU	WIFI	DIMENSIONS
DI-DMX-DE3	Router required	5.7 x 4.17 x 0.43 in

### FEATURES & BENEFITS

- IOS & Android compatible
- Software programmable
- Calendar function



### Nicolaudie® SLESA-U9 DMX LED Color Controller

This LED controller is ideal for taking your light show on the road. Quick connections make this the perfect controller in multiple venues or isolated locations.

SKU	WIFI	DIMENSIONS
DI-DMX-ESA	Not Available	3.11 x 2.95 x 1.70 in.

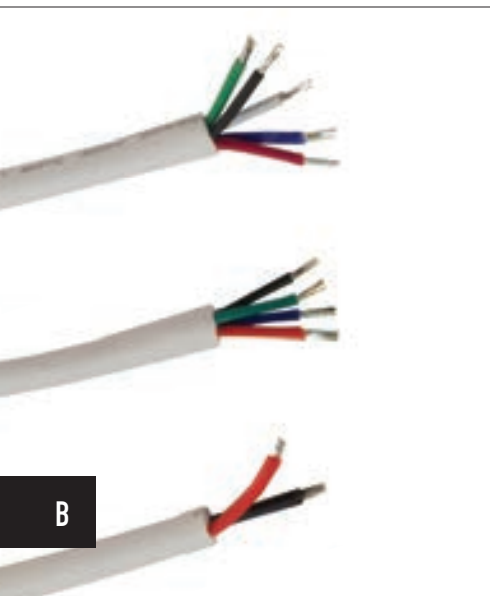
### FEATURES & BENEFITS

- Light shows on-the-go
- Free-standing & compact
- Built-in memory





A



B

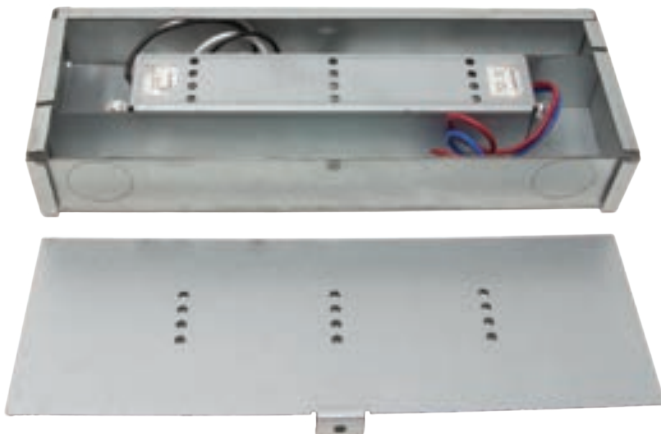


C



D

# CONNECTORS, WIRE & ACCESSORIES



## **A** TAPE LIGHT TERMINAL BLOCK CONNECTOR

The latest and most secure way to make LED tape light connections  
(Page 121)

## **B** MULTI-CONDUCTOR WIRE

Resilient and dependable wire for single color or multi-color control  
(Page 113)

## **C** TAPEGUARD®

The easiest way to provide protection for indoor LED lighting  
(Page 116)

## **D** WIRE MANAGEMENT

Keep your installation clean with a variety of wire management options  
(Page 116 & 119)

## **E** LO-PRO JUNCTION BOXES

Create safe and secure wire connections in a UL Listed j-box  
(Page 121)



# Voltage Drop



## WHAT IS VOLTAGE DROP?

Voltage drop is defined as the amount of voltage loss that occurs through all or part of a circuit. Wires and electrical components carrying current have resistance to current flow, causing voltage drop.

It's important to consider voltage drop when specifying an LED array system (ex. LED tape light, modules, etc.) as the

LED driver (power supply) is generally installed in a remote location aside from the luminaire. This requires specifying the proper wire gauge (AWG) or thickness of wire to allow current to flow properly through varying distances from the LED driver to luminaire. Specifying the incorrect wire gauge can lead to a variety of problems including perceived flicker and shift in brightness across long runs of LED tape light.

### Example: 12V Voltage Drop & Wire Length Distance Chart

WIRE GAUGE	10 W .83 A	20 W 1.7 A	30 W 2.5 A	40 W 3.3 A	50 W 2.1 A	60 W 4.2 A
18 AWG	34 ft.	17 ft.	11 ft.	8 ft.	6 ft.	5 ft.
16 AWG	54 ft.	27 ft.	18 ft.	13 ft.	10 ft.	9 ft.
14 AWG	86 ft.	43 ft.	29 ft.	21 ft.	17 ft.	14 ft.
12 AWG	134 ft.	68 ft.	45 ft.	34 ft.	27 ft.	22 ft.
10 AWG	199 ft.	99 ft.	66 ft.	49 ft.	39 ft.	33 ft.

- 1 Determine Total Load: A 16.4 ft. spool of BLAZE is 47.2 watts. Round up to the nearest load of 50 watts.
- 2 Determine Distance from LED Driver to Load: Let's assume the distance is 25 ft. Round up to nearest distance of 27 ft.
- 3 It's recommended to install 12 AWG wire between the driver and luminaire to eliminate excess voltage drop.

### 12V Voltage Drop & Wire Length Distance Chart (3% Drop or 11.64V)\*

WIRE GAUGE	10 W .83 A	20 W 1.7 A	30 W 2.5 A	40 W 3.3 A	50 W 2.1 A	60 W 4.2 A
18 AWG	34 ft.	17 ft.	11 ft.	8 ft.	6 ft.	5 ft.
16 AWG	54 ft.	27 ft.	18 ft.	13 ft.	10 ft.	9 ft.
14 AWG	86 ft.	43 ft.	29 ft.	21 ft.	17 ft.	14 ft.
12 AWG	134 ft.	68 ft.	45 ft.	34 ft.	27 ft.	22 ft.
10 AWG	199 ft.	99 ft.	66 ft.	49 ft.	39 ft.	33 ft.

\*These tables provide general guidelines for determining wire gauge based on total load and distance from led driver to beginning of luminaire. For more accurate wire gauge recommendations for our most popular products, please visit [www.DiodeLED.com](http://www.DiodeLED.com) and click on 'Technical Documents' under the 'Resources' tab.

### 24V Voltage Drop & Wire Length Distance Chart (3% Drop or 23.28V)\*

WIRE GAUGE	10 W .42 A	20 W .83 A	30 W 1.3 A	40 W 1.7 A	50 W 2.1 A	60 W 2.5 A	70 W 2.9 A	80 W 3.3 A	100 W 4.2 A
18 AWG	134 ft.	68 ft.	45 ft.	33 ft.	27 ft.	22 ft.	19 ft.	17 ft.	14 ft.
16 AWG	215 ft.	109 ft.	72 ft.	54 ft.	43 ft.	36 ft.	31 ft.	27 ft.	22 ft.
14 AWG	345 ft.	174 ft.	115 ft.	86 ft.	69 ft.	57 ft.	49 ft.	43 ft.	36 ft.
12 AWG	539 ft.	272 ft.	181 ft.	135 ft.	108 ft.	90 ft.	77 ft.	68 ft.	56 ft.
10 AWG	784 ft.	397 ft.	263 ft.	197 ft.	158 ft.	131 ft.	112 ft.	98 ft.	82 ft.

## In-Wall Rated Two Conductor Wire

Hide the wires behind the wall for a discreet installation. The In-Wall Rated Wire is the best option for this low-voltage lighting configuration and is perfect for large or small remodels and upgrades. This Class 2 wire conforms to National Electrical Code (NEC) safety standards for in-wall lighting installation and comes in 16 AWG and 18 AWG (American Wire Gauge).



### FEATURES & BENEFITS

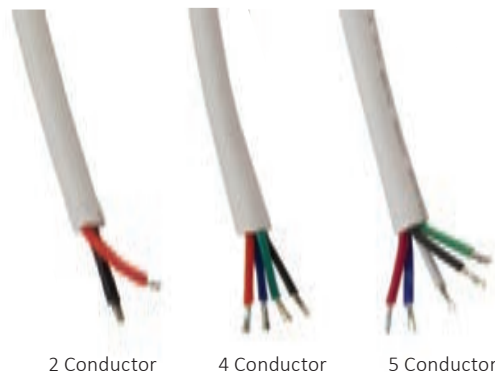
- UL Listed Class 2 wire
- Rated for use in-wall installations
- High purity, oxygen-free copper
- Durable outer jacket insulation



SKU	NUMBER OF CONDUCTORS	GAUGE	LENGTH
DI-0824-F	2 Conductors	18 AWG	1 ft.
DI-0824-S	2 Conductors	18 AWG	250 ft. spool
DI-0825-F	2 Conductors	16 AWG	1 ft.
DI-0825-S	2 Conductors	16 AWG	250 ft. spool

## Multi-Conductor Wire

Multi-Conductor Wire offers the flexibility to accommodate large LED linear lighting installations. This stranded wire is available in several gauges and your choice of number of conductors to match the LED lighting type in your installation.



### FEATURES & BENEFITS

- UL 2464 AWM copper stranded wire
- PVC jacketing is molded to the internal wiring for durability and safety
- This PVC jacketed wiring is highly flexible for ease of installation
- All internal wires are color coded to easily differentiate specific wires during installation



WHITE JACKET	BLACK JACKET	NUMBER OF CONDUCTORS	WIRE GAUGE	LENGTH
DI-PVC2464-182MCW-001	DI-PVC2464-182MCB-001	2 Conductors	18 AWG	1 ft.
DI-PVC2464-182MCW-250	DI-PVC2464-182MCB-250	2 Conductors	18 AWG	250 ft. spool
DI-PVC2464-202MCW-001	DI-PVC2464-202MCB-001	2 Conductors	20 AWG	1 ft.
DI-PVC2464-202MCW-250	DI-PVC2464-202MCB-250	2 Conductors	20 AWG	250 ft. spool
DI-PVC2464-204MCW-001	DI-PVC2464-204MCB-001	4 Conductors	20 AWG	1 ft.
DI-PVC2464-204MCW-250	DI-PVC2464-204MCB-250	4 Conductors	20 AWG	250 ft. spool
DI-PVC2464-205MCW-001	-	5 Conductors	20 AWG	1 ft.
DI-PVC2464-205MCW-250	-	5 Conductors	20 AWG	250 ft. spool

# Tape Light Terminal Block Connector

**Connector Note:** Class 2 maximum load limit on all tape light connectors.

60W on 12V circuits

96W on 24V circuits

## Terminal Tape Light Connector Compatibility

BLAZE™ X

BLAZE™ BASICS

BLAZE™

FLUID VIEW®

AVENUE 24®

*Review online installation guide before use*



Wire Range: 16-20AWG

### Tape-To-Tape Terminal Connectors

SKU	BUNDLE OPTIONS
DI-TB-CONN-TTT	Single
DI-TB-CONN-TTT-5	Pack of 5
DI-TB-CONN-TTT-25	Pack of 25

### Tape-To-Wire Terminal Connectors

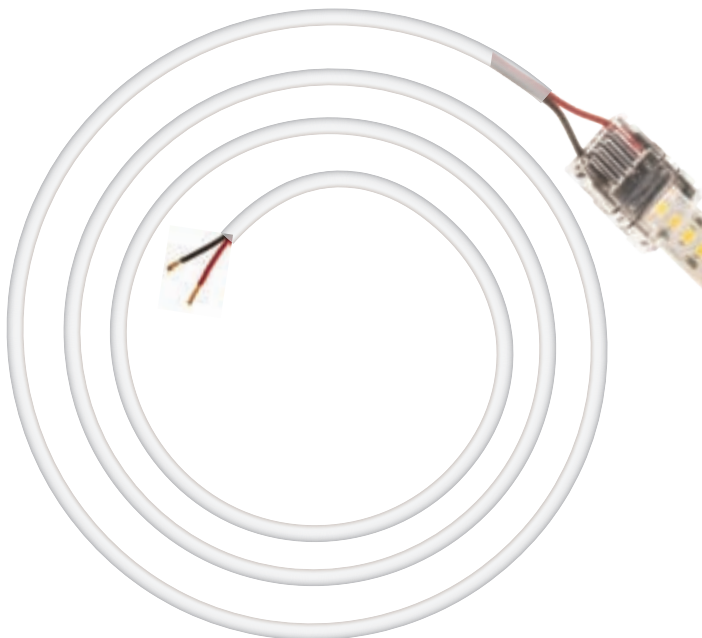
SKU	BUNDLE OPTIONS
DI-TB-CONN-TTW	Single
DI-TB-CONN-TTW-5	Pack of 5
DI-TB-CONN-TTW-25	Pack of 25

# VALENT® X Tape Light Connector – 24 in.

**Connector Note:** Class 2 maximum load limit on all CLICKTIGHT tape light connectors.

60W on 12V circuits

96W on 24V circuits



## SKU

DI-CKT-24SPVX



For use with VALENT® X  
LED Tape Light only,

(Page 18)





# CLICKTIGHT® Single Color Tape Light Connectors

CLICKTIGHT connectors are an easy way to install your standard single color LED tape light out in the field. Enhancements have been made to the 8mm and 10mm CLICKTIGHT connectors to make it even easier and faster to complete your installation.

**Connector Note:** Class 2 maximum load limit on all CLICKTIGHT tape light connectors.

**60W on 12V circuits**

**96W on 24V circuits**

PRODUCT IMAGE	PRODUCT NAME	SKU (SINGLE UNIT)	SKU (PACK OF 5)	SKU (PACK OF 25)	LENGTH	LED TAPE LIGHT COMPATIBILITY	
						BLAZE® X BLAZE® BASICS AVENUE 24® BLAZE™ FLUID VIEW®	ULTRA BLAZE™ VALENT® VALENT® HD
	<b>CLICKTIGHT Tape Link Connector</b>	DI-CKT-TL8	DI-CKT-TL8-5	DI-CKT-TL8-25	-	●	
		DI-CKT-TL10	DI-CKT-TL10-5	DI-CKT-TL10-25	-		●
	<b>CLICKTIGHT DC Plug Connector</b>	DI-CKT-DC8	DI-CKT-DC8-5	DI-CKT-DC8-25	-	●	
		DI-CKT-DC10	DI-CKT-DC10-5	DI-CKT-DC10-25	-		●
	<b>CLICKTIGHT Splice Connector</b>	DI-CKT-3SP8	DI-CKT-3SP8-5	DI-CKT-3SP8-25	3 in.	●	
		DI-CKT-24SP8	DI-CKT-24SP8-5	DI-CKT-24SP8-25	24 in.	●	
		DI-CKT-48SP8	DI-CKT-48SP8-5	DI-CKT-48SP8-25	48 in.	●	
		DI-CKT-96SP8	DI-CKT-96SP8-5	DI-CKT-96SP8-25	96 in.	●	
		DI-CKT-3SP10	DI-CKT-3SP10-5	DI-CKT-3SP10-25	3 in.		●
		DI-CKT-24SP10	DI-CKT-24SP10-5	DI-CKT-24SP10-25	24 in.		●
		DI-CKT-48SP10	DI-CKT-48SP10-5	DI-CKT-48SP10-25	48 in.		●
	<b>CLICKTIGHT Flexible Extension Connector</b>	DI-CKT-3BX8	DI-CKT-3BX8-5	DI-CKT-3BX8-25	3 in.	●	
		DI-CKT-6BX8	DI-CKT-6BX8-5	DI-CKT-6BX8-25	6 in.	●	
		DI-CKT-12BX8	DI-CKT-12BX8-5	DI-CKT-12BX8-25	12 in.	●	
		DI-CKT-24BX8	DI-CKT-24BX8-5	DI-CKT-24BX8-25	24 in.	●	
		DI-CKT-48BX8	DI-CKT-48BX8-5	DI-CKT-48BX8-25	48 in.	●	
		DI-CKT-3BX10	DI-CKT-3BX10-5	DI-CKT-3BX10-25	3 in.		●
		DI-CKT-6BX10	DI-CKT-6BX10-5	DI-CKT-6BX10-25	6 in.		●
		DI-CKT-12BX10	DI-CKT-12BX10-5	DI-CKT-12BX10-25	12 in.		●
		DI-CKT-24BX10	DI-CKT-24BX10-5	DI-CKT-24BX10-25	24 in.		●
		DI-CKT-48BX10	DI-CKT-48BX10-5	DI-CKT-48BX10-25	48 in.		●



# CLICKTIGHT® PRO Connectors



**LEDs MAGAZINE SAPPHIRE AWARDS**

**TAPE LIGHT COMPATIBILITY:**

- AVENUE 24™ LED Tape Light
- BLAZE™ LED Tape Light (X and Legacy)
- FLUID VIEW® LED Tape Light
- ULTRA BLAZE™ LED Tape Light
- VALENT® LED Tape Light

**PATENTED**



## CLICKTIGHT PRO Tape-to-Tape Connector

Patented connectors used to attach identical LED tape light types resulting in a continuous linear run.

- Comes in a pack of 5
- Includes 10 tape light fasteners and 20 screws



## CLICKTIGHT PRO Tape-to-Wire Connector

Connect Diode LED tape light to your custom length of wire via spade connection (24AWG – 18AWG). Ideal for use as a low voltage power feed or as a bending extension to jump corners and obstacles.

- Comes in a pack of 10 with 25 spade connectors
- 10 wire fasteners with 10 nails

SKU	TYPE	BUNDLE OPTIONS
DI-CKTP-TTT-5	Tape-To-Tape Connector	Pack of 5
DI-CKTP-TTW-10	Tape-To-Wire Connector	Pack of 10

# TAPEGUARD® LED Tape Light Cover



**TAPE LIGHT COMPATIBILITY:**

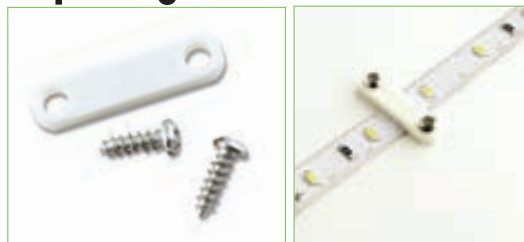
- BLAZE™ X
- BLAZE™ BASICS
- AVENUE 24™
- FLUID VIEW®
- BLAZE™

The TAPEGUARD® LED Tape Light Cover is the easiest way to provide protection for indoor LED lighting installations. TAPEGUARD® covers and protects tape light from dust, grease and dirt and creates a surface that can be easily wiped clean. Choose a clear cover for maximum light output or a frosted cover for subtle light diffusion.

SKU (Single unit)	BUNDLE SKU (Pack of 10)	TYPE
DI-TAPE-GRD-FR	DI-TAPE-GRD-FR-10	Frosted Cover
DI-TAPE-GRD-CL	DI-TAPE-GRD-CL-10	Clear Cover



# Tape Light Fastener



Tape Light Fasteners help keep LED tape light organized and secure while supporting connections. Screws are included.

SKU	BUNDLE OPTIONS
DI-WM-TF	Pack of 10

# CLICKTIGHT® Color Changing Tape Light Connectors

CLICKTIGHT® connectors are an easy way to install your color changing LED tape light out in the field.

**Connector Note:** Class 2 maximum load limit on all CLICKTIGHT® tape light connectors.

**96W on 24V circuits**

PRODUCT	SKU (SINGLE UNITS)	SKU (PACK OF 5)	SKU (PACK OF 25)	LENGTH	LED TAPE LIGHT COMPATIBILITY	
					DAZZLE® RGB	DAZZLE® RGBW & RGBW 4D
 CLICKTIGHT TAPE LINK CONNECTOR	DI-0895	DI-0895-5	DI-0895-25	N/A	●	
	DI-RGBW-CKT-LNK	DI-RGBW-CKT-LNK-5	DI-RGBW-CKT-LNK-25	N/A		●
 CLICKTIGHT SPLICE CONNECTOR	DI-0885	DI-0885-5	DI-0885-25	3 in.	●	
	DI-0886	DI-0886-5	DI-0886-25	24 in.	●	
	DI-0887	DI-0887-5	DI-0887-25	48 in.	●	
	DI-RGBW-CKT3-SPLE	DI-RGBW-CKT3-SPLE-5	DI-RGBW-CKT3-SPLE-25	3 in.		●
	DI-RGBW-CKT24-SPLE	DI-RGBW-CKT24-SPLE-5	DI-RGBW-CKT24-SPLE-25	24 in.		●
	DI-0890	DI-0890-5	DI-0890-25	3 in.	●	
 CLICKTIGHT FLEXIBLE EXTENSION CONNECTOR	DI-1090	DI-1090-5	DI-1090-25	6 in.	●	
	DI-1091	DI-1091-5	DI-1091-25	12 in.	●	
	DI-0891	DI-0891-5	DI-0891-25	24 in.	●	
	DI-0892	DI-0892-5	DI-0892-25	48 in.	●	
	DI-RGBW-CKT3-EXT	DI-RGBW-CKT3-EXT-5	DI-RGBW-CKT3-EXT-25	3 in.		●
	DI-RGBW-CKT24-EXT	DI-RGBW-CKT24-EXT-5	DI-RGBW-CKT24-EXT-25	24 in.		●


# Wet Location Strip Light Accessories

**Connector Note:** Class 2 maximum load limit on all CLICKTIGHT tape light connectors.


**60W on 12V circuits**

**96W on 24V circuits**


## Wet Location Splice Connector Pair

PRODUCT IMAGE	SKU	BUNDLE OPTIONS
	DI-10MM-WL-SCP	Single
	DI-10MM-WL-SCP-5	Pack of 5
	DI-10MM-WL-SCP-25	Pack of 25


## Wet Location DC Adapter Connector

PRODUCT IMAGE	SKU	PLUG GENDER	BUNDLE OPTIONS
	DI-10MM-WL-DC-F	Female	Single
	DI-10MM-WL-DC-F-5	Female	Pack of 5
	DI-10MM-WL-DC-F-25	Female	Pack of 25
	DI-10MM-WL-DC-M	Male	Single
	DI-10MM-WL-DC-M-5	Male	Pack of 5
	DI-10MM-WL-DC-M-25	Male	Pack of 25

## Wet Location Male-to-Female Extension Cable

PRODUCT IMAGE	SKU	LENGTH	BUNDLE OPTIONS
	DI-10MM-WL6-EXT	6 in.	Single
	DI-10MM-WL6-EXT-5	6 in.	Pack of 5
	DI-10MM-WL6-EXT-25	6 in.	Pack of 25
	DI-10MM-WL12-EXT	12 in.	Single
	DI-10MM-WL12-EXT-5	12 in.	Pack of 5
	DI-10MM-WL12-EXT-25	12 in.	Pack of 25
	DI-10MM-WL24-EXT	24 in.	Single
	DI-10MM-WL24-EXT-5	24 in.	Pack of 5
	DI-10MM-WL24-EXT-25	24 in.	Pack of 25

## Wet Location LED Splitter Plug

PRODUCT IMAGE	SKU	TYPE	BUNDLE OPTIONS
	DI-10MM-WLSP2	2-Way	Single
	DI-10MM-WLSP2-5	2-Way	Pack of 5
	DI-10MM-WLSP2-25	2-Way	Pack of 25
	DI-10MM-WLSP3	3-Way	Single
	DI-10MM-WLSP3-5	3-Way	Pack of 5
	DI-10MM-WLSP3-25	3-Way	Pack of 25
	DI-10MM-WLSP5	5-Way	Single
	DI-10MM-WLSP5-5	5-Way	Pack of 5
	DI-10MM-WLSP5-25	5-Way	Pack of 25

MOUNTING CLIPS	
SKU	DESCRIPTION
DI-0754	Pack of 10



















WET LOCATION END-CAPS	
SKU	DESCRIPTION
DI-0755	Pack of 10

SILICONE SEALANT	
SKU	DESCRIPTION
DI-WPSL	Single




## DC Plug Connectors

Adapter Splice Cables and DC Splitters are rated for Class 2 applications.

12V - Up to 60W  
24V - Up to 100W

PRODUCT IMAGE	PRODUCT DESCRIPTION	SKU	COLOR
	<b>Adapter Splice Cable - Female</b> Allows lead wire connections from a female DC Plug. Wire: 18/2 AWG. Dimensions: 42 x 0.45 in. (L x Dia)	<b>Single:</b> DI-PVC2464-DL42-SPL-F <b>Pack of 5:</b> DI-PVC2464-DL42-SPL-F-5 <b>Pack of 25:</b> DI-PVC2464-DL42-SPL-F-25	 White
	<b>Adapter Splice Cable - Male</b> Allows lead wire connections from a male DC Plug. Wire: 18/2 AWG. Dimensions: 42 x 0.45 in. (L x Dia)	<b>Single:</b> DI-PVC2464-DL42-SPL-M <b>Pack of 5:</b> DI-PVC2464-DL42-SPL-M-5 <b>Pack of 25:</b> DI-PVC2464-DL42-SPL-M-25	 White
	<b>39 in. DC Extension Cable</b> Creates an extension between any fixture or accessory featuring standard DC plugs. Wire: 18/2 AWG. Dimensions: 39.4 x 0.45 in. (L x Dia)	<b>Single:</b> DI-0708 <b>Pack of 5:</b> DI-0708-5 <b>Pack of 25:</b> DI-0708-25 <b>Single:</b> DI-0708B <b>Pack of 5:</b> DI-0708B-5 <b>Pack of 25:</b> DI-0708B-25	 White  Black
	<b>2-Way DC Splitter</b> Splits power output from single female DC plug to two male DC plugs. Wire: 22/2 AWG. Dimensions: 8 x 0.4 in. (L x Dia)	<b>Single:</b> DI-0720 <b>Pack of 5:</b> DI-0720-5 <b>Pack of 25:</b> DI-0720-25 <b>Single:</b> DI-0720B <b>Pack of 5:</b> DI-0720B-5 <b>Pack of 25:</b> DI-0720B-25	 White  Black
	<b>3-Way DC Splitter</b> Splits power output from single female DC plug to three male DC plugs. Wire: 22/2 AWG. Dimensions: 8 x 0.6 in. (L x Dia)	<b>Single:</b> DI-0705 <b>Pack of 5:</b> DI-0705-5 <b>Pack of 25:</b> DI-0705-25 <b>Single:</b> DI-0705B <b>Pack of 5:</b> DI-0705B-5 <b>Pack of 25:</b> DI-0705B-25	 White  Black
	<b>4-Way DC Splitter</b> Splits power output from single female DC plug to four male DC plugs. Wire: 22/2 AWG. Dimensions: 8 x 0.6 in. (L x Dia)	<b>Single:</b> DI-DCSP4 <b>Pack of 5:</b> DI-DCSP4-5 <b>Pack of 25:</b> DI-DCSP4-25	 White
	<b>5-Way DC Splitter</b> Splits power output from single female DC plug to five male DC plugs. Wire: 22/2 AWG. Dimensions: 8 x 0.6 in. (L x Dia)	<b>Single:</b> DI-0707 <b>Pack of 5:</b> DI-0707-5 <b>Pack of 25:</b> DI-0707-25 <b>Single:</b> DI-0707B <b>Pack of 5:</b> DI-0707B-5 <b>Pack of 25:</b> DI-0707B-25	 White  Black

## Wire Management – Clips and Fasteners

PRODUCT IMAGE	PRODUCT DESCRIPTION	SKU	MOUNTING	DIMENSIONS
	<b>Wire Fastener (10 pack)</b> Recommended Usage: 16/2, 18/2, 20/2, 20/3, 20/4, 20/5 AWG wire	DI-WM-WF	(2) #5 x 1/2 in. Zinc Screws	0.94 x 0.3 x 0.2 in. (L x W x H)
	<b>Wire Clip (10 pack)</b> Recommended Usage: 20/2, 20/3, 20/4, 20/5 AWG wire	DI-WM-WC	3M™ Adhesive Tape	0.57 x 0.37 x 0.22 in. (L x W x H)
	<b>J-Clip (10 pack)</b> Recommended Usage: CL-2, RJ45, XLR, AC Power Cord	DI-WM-JC	(1) #5 x 1/2 in. Zinc Screw	0.87 x 0.39 x 0.35 in. (L x W x H)



# Splice Boxes

Splice boxes (wire boxes) allow for safe wire connections and are ideal for installations that will be inspected for electrical codes requiring two conductor connections within an enclosure. Refer to the NEC and local electrical codes for requirements.



## Mini Terminal Junction Box

The Mini Terminal Junction Box is a safe and easy way to splice wiring in a lighting application and features a slim design for low profile LED installations. This junction box is rated for high and low voltage electrical connections up to 120V, but is not rated for in-wall use.

SKU	MAX. LOAD	DIMENSIONS
DI-0841	24 Amps	1.87 x 1 x 0.75 in.

## FEATURES & BENEFITS

- Reinforced protected terminal block
- For use with solid or stranded wire
- Screw type connection
- Surface mount installation



## Commercial-Grade Mini Junction Boxes

Both models offers these safety features and benefits:

- Input terminal accepts 20 – 18 AWG cable
- Output terminal accepts 20 – 14 AWG cable
- Max Voltage Rating: 300VAC
- Max Amperage Rating: 10A

SKU	ENVIRONMENT	DIMENSIONS
DI-JBOX-IND	Indoor	2.6 x 1.4 x 0.9 in.
DI-JBOX-OUT	Outdoor	4.8 x 1.8 x 1.1 in.

## FEATURES & BENEFITS

- Commercial-grade insulated plastic
- Indoor and outdoor models
- Compact and easy to use
- Includes 3-wire push-in terminal block connector



# MEAN WELL® Junction Boxes

The MEAN WELL® Junction Box is NEMA 1 rated, with a silver finish with 1/2 inch NPT knockouts and features an easy access cover panel. Intended for contractor installations.

## FEATURES & BENEFITS

- NEMA 1 steel enclosure
- ETL Listed
- Ground terminal connection

This junction box is for use with the following Constant Voltage Drivers only:  
 12V 150 Watt (DI-0908)  
 12V 200 Watt (DI-0909)  
 24V 200 Watt (DI-0957)



SKU	ENVIRONMENT	DIMENSIONS
DI-0940	Indoor	15.5 x 6.5 x 2.6 in.

## LO-PRO® Junction Box (ETL Cert.)

Designed for strict code and safety compliance, this junction box is ETL Listed and features separation for low-voltage and high-voltage wiring in an electrical enclosure. It features four 0.20 inch mounting holes for surface mounting and is designed with mounting hole positions to hold compatible power supplies securely.

### FEATURES & BENEFITS

- NEMA 1 Rated
- Powder-coated steel for durability
- Low-profile and lightweight

The LO-PRO Junction Box is intended for use with these Constant Voltage Drivers located on pages 120 - 123 :

12V 20 Watt (DI-0904)  
12V 35 Watt (DI-0918)  
12V 60 Watt (DI-0906)  
24V 35 Watt (DI-0970)



SKU	MAX. VOLTAGE	ENVIRONMENT	DIMENSIONS
DI-0980	250VAC	Indoor	7.7 x 4.9 x 1.8 in.

## LO-PRO® Junction Box (UL Cert.)

**PATENTED**

An industry first, this patented UL Listed electrical enclosure meets electrical code requirements and cost saving measures with easy installation of LED power supplies in a wide range of environments. The truly amazing benefit of this enclosure is the UL Listed junction box and driver combination with select LED power supplies when ordering the UL DRIVER OPTION.



## UL LISTED DRIVER OPTION

For details about the LO-PRO JUNCTION BOX & DRIVER COMBO OPTION, turn to the LED Power Supplies section of the catalog on page 150.

### UL Listed Industrial Control Panel Enclosure UL Standard 508A-

Have confidence in your commercial, industrial or residential installation environment with a ready-to-use electrical enclosure that meets UL requirements for containing a power supply, controller or other electrical device. Now introducing **LO-PRO Mini**, which when combined with our **VLM Driver**, is the smallest UL rated driver J-Box combo on the market.



SKU	DESCRIPTION	ENVIRONMENT	DIMENSIONS
DI-JBOX-LPL	LO-PRO Junction Box - Large	Indoor	13.5 x 4.5 x 2.25 in.
DI-JBOX-LPS	LO-PRO Junction Box - Small	Indoor	11.25 x 3.75 x 1.8 in.
DI-JBOX-LPM	LO-PRO Junction Box - Mini	Indoor	8 x 3 x 1.5 in.



NEON BLAZE™  
Bloomingdales  
New York, NY



PURALIGHT®  
Pandora Jewelry  
New York, NY



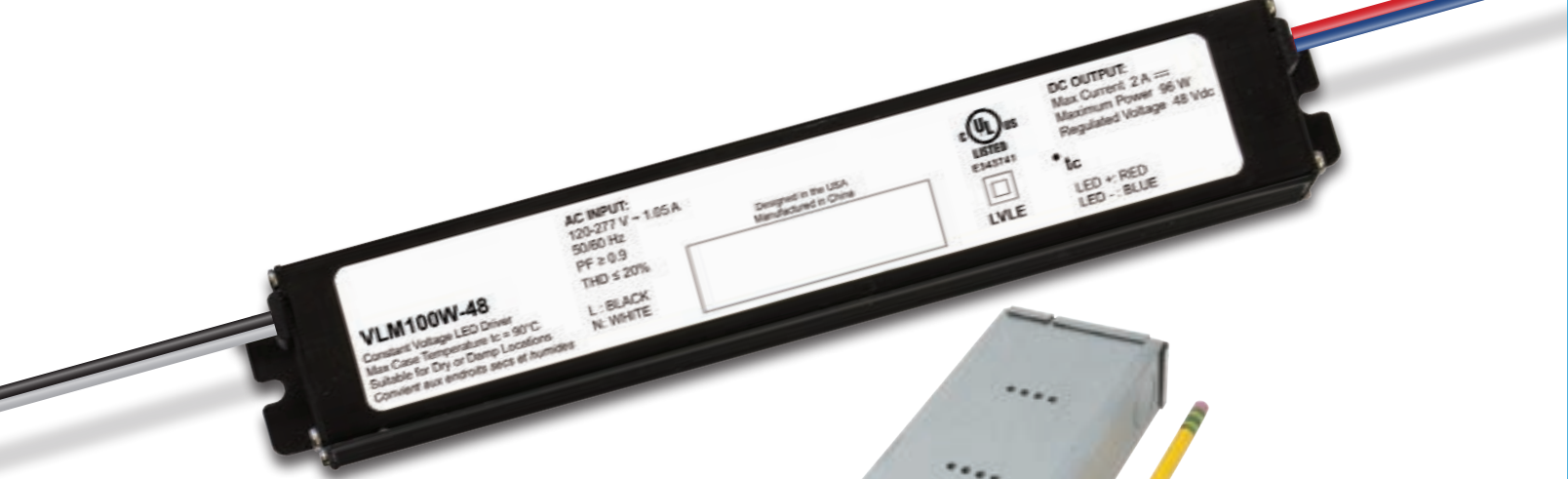


**NEON BLAZE™**  
Reno, NV



**Light Guide Panel**  
(backlit onyx countertop)  
**Mindful Design**  
Reno, NV





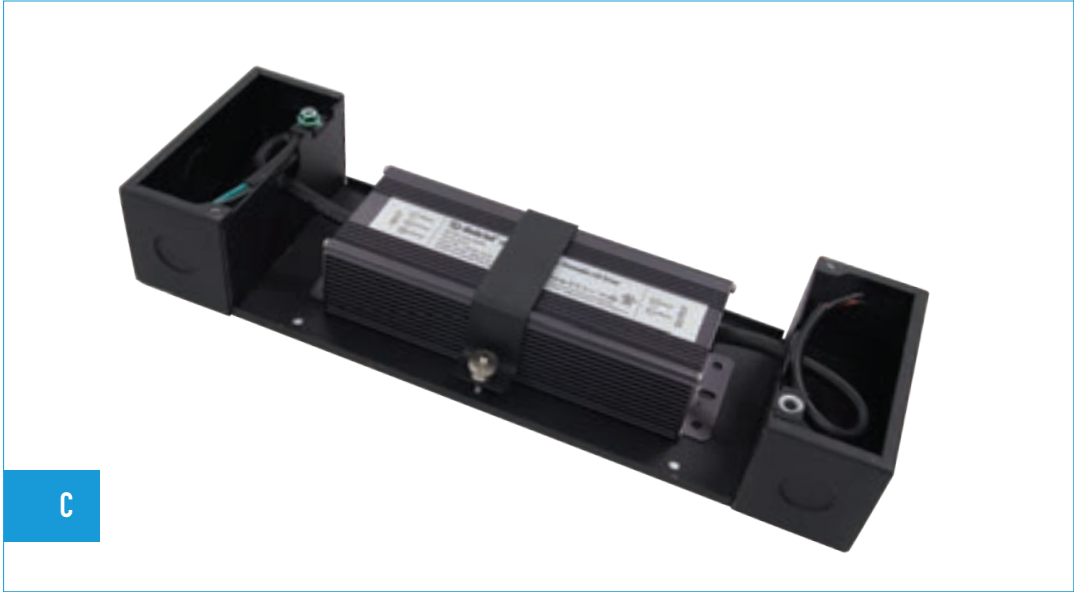
Make it the smallest, UL LISTED driver with a LO-PRO® Mini Junction Box.



A



B



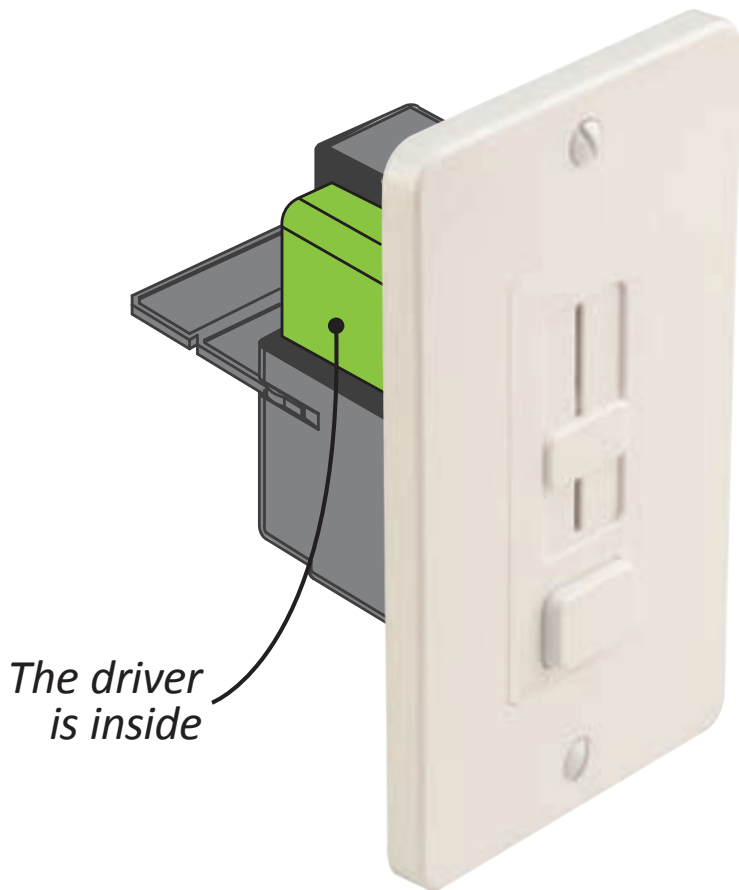
C



D

# LED POWER SUPPLIES

Diode LED offers a wide selection of hard-wired LED drivers and plug-in power adapters for many types of installations.



## **A** VLM SERIES MICRO DRIVER

The smallest driver with the biggest power now has an equally small j-box  
(Page 145)

## **B** DMX DECODER WITH BUILT-IN LED DRIVER

Works with DMX-512 systems and powers your color-changing lighting  
(Page 146)

## **C** LO-PRO® JUNCTION BOX

Make your driver UL listed! Look for the UL Driver option  
(Page 126)

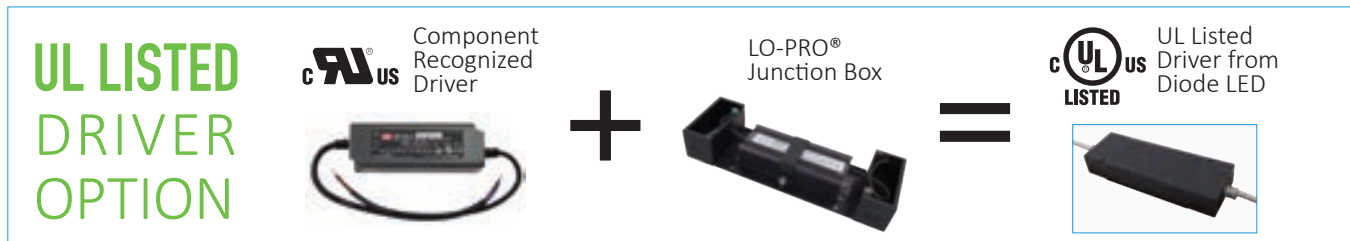
## **D** OMNIDRIVE® 2

Our number one dimmable driver is now available with an integrated junction box  
(Page 136)

## **E** SWITCHEX®

A driver and dimmer-in-one  
(Page 132)

# LO-PRO® JUNCTION BOX & DRIVER COMBO



Receive a UL Listed driver when you order the **LO-PRO JUNCTION BOX & DRIVER COMBO** on select power supplies.

Diode LED designed the patented LO-PRO® Junction Box Series— a unique, multipurpose electrical enclosure— to meet electrical code requirements as well as cost saving measures with easy installation of LED power supplies in a wide range of environments. The truly amazing benefit of this enclosure is the UL Listed Driver from select LED power supplies available from Diode LED.

Diode LED recognized a tremendous demand for a solution that enabled contractors to provide an electrical box that not only secured a power supply, but also certifies the power supply as UL Listed when ordered with the UL Listed electrical box. It's the ultimate solution for commercial projects requiring products with the highest certification to meet strict inspections.

## MULTIPLE UL CERTIFICATIONS

### UL 2108 (UL# E469769) LED LOW-VOLTAGE POWER UNIT

Certified as a listed LED low-voltage power unit. Optional - only applies when purchased as a driver & j-box combo. See ordering options. A UL E469769 sticker will be placed on the outside of the LO-PRO box certifying the product as an LED low-voltage power unit.

### UL 508A (UL# E486215) INDUSTRIAL CONTROL PANEL

Type 1 enclosure - indoor. Can be used as a standard j-box for any component. This certification always applies to the LO-PRO box.

### UL 1598 (UL# E485321) LUMINAIRE FITTING

Certified for field installation with Class 2 LED driver models and lighting systems outlined on the next page. This certification always applies to the LO-PRO box.

## QUICK SPECS

<b>Environment</b>	Indoor
<b>Knockouts</b>	0.5 in. knockouts
<b>Material</b>	Powder-coated stainless steel
<b>Certification</b>	UL Listed 1598, 508A & 2108

### Stainless Steel Construction

Durable, powder-coated and corrosion-resistant.

### Modular Mounting

Intuitive mounting design makes installation easy for a variety of power supplies, controls and electrical equipment.

### Three-Sided Ventilation

Ventilation holes keep out dust while allowing heat to easily escape.

### 8x Knockouts

Connection to conduit entry is easy with eight (8) knockout options, fitting 0.5 in. strain reliefs.

### Available In 3 Sizes

LO-PRO Box is available in three (3) sizes to fit small or large power supplies and other electrical equipment.

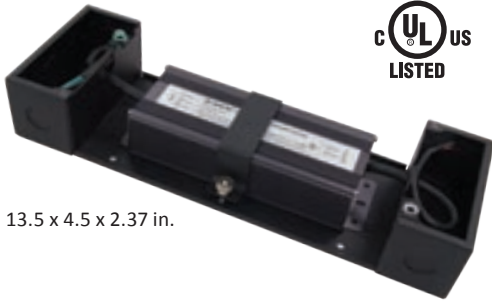
**The LO-PRO Junction Box makes it even easier to work with America's largest provider of low-voltage linear lighting solutions.**

**PATENTED**

# UL LISTED DRIVER OPTION

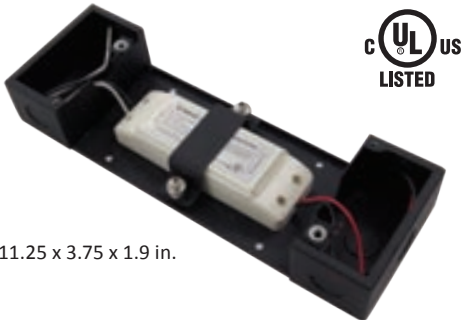
Use this chart to find drivers that qualify for the **LO-PRO COMBO**

## LO-PRO® Junction Box - Large (LPL)



13.5 x 4.5 x 2.37 in.

## LO-PRO® Junction Box - Small (LPS)



11.25 x 3.75 x 1.9 in.

## LO-PRO® Junction Box - Mini (LPM)



8 x 3 x 1.5 in.

*Mini For use with VLM Drivers only**Pictured next to a #2 pencil for scale.*

## OMNIDRIVE® Electronic Dimmable Drivers

UL DRIVER OPTION (DRIVER/J-BOX COMBO)	WATTAGE	INPUT VOLTAGE	OUTPUT VOLTAGE	PAGE
DI-TD-12V-10W-LPS	10W			
DI-TD-12V-20W-LPS	20W			
DI-TD-12V-30W-LPS	30W	120VAC	12VDC	
DI-TD-12V-45W-LPL	45W			
DI-TD-12V-60W-LPL	60W			
DI-TD-24V-10W-LPS	10W			134
DI-TD-24V-20W-LPS	20W			
DI-TD-24V-30W-LPS	30W			
DI-TD-24V-45W-LPL	45W	120VAC	24VDC	
DI-TD-24V-60W-LPL	60W			
DI-TD-24V-80W-LPL	80W			
DI-TD-24V-96W-LPL	96W			

## 0-10V Drivers

UL DRIVER OPTION (DRIVER/J-BOX COMBO)	WATTAGE	INPUT VOLTAGE	OUTPUT VOLTAGE	PAGE
DI-DM-MW12V40W-0-10V-LPS	40W	120 / 240	12VDC	
DI-DM-MW12V60W-0-10V-LPS	60W	277VAC		
DI-DM-MW24V60W-0-10V-LPS	60W	120 / 240	24VDC	142
DI-DM-MW24V90W-0-10V-LPL	90W	277VAC		

## VLM Drivers

UL DRIVER OPTION (DRIVER/J-BOX COMBO)	WATTAGE	INPUT VOLTAGE	OUTPUT VOLTAGE	PAGE
VLM60W-12-LPM	60W	120 / 277VAC	12VDC	
VLM60W-24-LPM	60W	120 / 277VAC	24VDC	
VLM100W-24-LPM	100W			144
VLM60W-48-LPM	60W	120 / 277VAC	48VDC	
VLM100W-48-LPM	100W			

## Constant Voltage Drivers

UL DRIVER OPTION (DRIVER/J-BOX COMBO)	WATTAGE	INPUT VOLTAGE	OUTPUT VOLTAGE	PAGE
DI-0904-LPS	20W			
DI-0918-LPS	35W	120VAC		
DI-0906-LPS	60W		12VDC	148
DI-CV-MW12V40W-277-LPS	40W	120 / 240		
DI-CV-MW12V60W-277-LPS	60W	277VAC		
DI-0970-LPS	35W	120VAC		
DI-CV-MW24V60W-277-LPS	60W	120 / 240	24VDC	150
DI-CV-MW24V90W-277-LPL	90W	277VAC		
DI-0954-LPL	96W			



# DIODE LED POWER SUPPLY PRODUCT COMPARISON CHART

Use the chart below to compare the entire line of our power supplies and refer to the corresponding page number for model information. For full specifications and compatibility, visit the product page at [www.DiodeLED.com](http://www.DiodeLED.com).

PRODUCT	INPUT VOLTAGE	OUTPUT VOLTAGE	WATTAGE	CERTIFICATIONS	ENVIRONMENT	PAGE				
<b>SWITCHEX® Driver + Dimmer Switch</b> SWITCHEX is the only dimmer with an integrated LED power supply. Wall mounted and available in your choice of finish.	120VAC	12VDC	40W	UL Listed	Indoor	132				
			60W	UL Listed						
		24VDC	60W	UL Listed						
			100W	UL Listed						
		12VDC	10W	UL Listed						
			20W	UL Listed						
			30W	UL Listed						
			45W	UL Listed						
			60W	UL Listed						
			80W	UL Listed			Indoor/ Outdoor			
120W	UL Listed		Indoor/ Outdoor							
120W	UL Listed		Indoor/ Outdoor							
<b>OMNIDRIVE® Electronic Dimmable Drivers</b> Compatible with a wide range of dimmers and is designed to eliminate LED flicker.	120VAC	12VDC	10W	UL Listed	Indoor	134				
			20W	UL Listed						
			30W	UL Listed						
		24VDC	45W	UL Listed						
			60W	UL Listed						
			80W	UL Listed			Indoor/ Outdoor			
			96W	UL Listed			Indoor/ Outdoor			
		120W	UL Listed	Indoor/ Outdoor						
		<b>OMNIDRIVE® 2 Electronic Dimmable Drivers With Enclosure</b> The next generation of our best selling driver is here! This enhanced driver features even greater dimming range, industry-leading technology and comes in a UL Listed enclosure.	120VAC	12VDC			24W	ETL Listed	Indoor	136
							60W	ETL Listed		
120W	ETL Listed									
200W	ETL Listed									
24VDC	24W			ETL Listed						
	60W			ETL Listed						
	96W			ETL Listed						
120W	ETL Listed									
200W	ETL Listed									

CONTINUED ON NEXT PAGE

# Diode LED Power Supply Product Comparison Chart

PRODUCT	INPUT VOLTAGE	OUTPUT VOLTAGE	WATTAGE	CERTIFICATIONS	ENVIRONMENT	PAGE
<b>Magnetic Dimmable Drivers</b> These dimmable drivers enable installation of low-voltage LED fixtures and can be dimmed with a 120V MLV dimmer switch. Higher wattage and multi-tap version are available for larger applications.	120VAC	12VDC	20W	ETL Listed	Indoor/ Outdoor	138
			40W	ETL Listed		
			60W	ETL Listed		
			100W	ETL Listed		
			120W Multi-tap	ETL Listed		
			180W Multi-tap	ETL Listed		
			200W	ETL Listed		
			300W Multi-tap	ETL Listed		
	277VAC	12VDC	20W	ETL Listed		
			60W	ETL Listed		
			100W	ETL Listed		
			200W	ETL Listed		
			300W	ETL Listed		
	120VAC	24VDC	40W	ETL Listed	Indoor/ Outdoor	
96W			ETL Listed			
192W Multi-tap			ETL Listed			
200W			ETL Listed			
288W Multi-tap			ETL Listed			
277VAC	24VDC	40W	ETL Listed			
		96W	ETL Listed			
		200W	ETL Listed			
		300W	ETL Listed			
		40W (LTE)	UL Listed	Indoor		
<b>Lutron® Hi-lume™ Dimmable LED Drivers</b> Provides smooth, flicker-free dimming with the use of Lutron® 2-wire and 3-wire controls for 12V and 24VDC sources up to 96W.	120VAC	12VDC	40W (LTE)	UL Listed	Indoor	
	120/240 277VAC		40W (LTE)	UL Listed	Indoor	
	120VAC	24VDC	40W (LTE)	UL Listed	Indoor	
	120/ 240/ 277VAC		40W (L3D)	UL Listed	Indoor	
	96W (L3DO)		UL Listed	Indoor		
<b>0-10V Dimmable Driver</b> 0-10V Drivers are essential components for retrofitting low-voltage LED fixtures in 0-10V control systems.	120/ 240/ 277VAC	12VDC	40W	Component Recognized, UL Listed (optional)	Indoor/ Outdoor	
			60W	Component Recognized, UL Listed (optional)		
			60W	Component Recognized		
	120/ 240/ 277VAC	24VDC	60W	Component Recognized, UL Listed (optional)		
			90W	Component Recognized, UL Listed (optional)		
			100W	Component Recognized		

CONTINUED ON NEXT PAGE

# Diode LED Power Supply Product Comparison Chart

PRODUCT	INPUT VOLTAGE	OUTPUT VOLTAGE	WATTAGE	CERTIFICATIONS	ENVIRONMENT	PAGE			
<b>VLM Series</b> <b>Constant Voltage Micro-Driver</b> The smallest driver with the greatest power.	120/ 277VAC	12VDC	60W	UL Listed	Indoor	145			
			100W	UL Listed	Indoor				
		24VDC	60W	UL Listed	Indoor				
			100W	UL Listed	Indoor				
		48VDC	60W	UL Listed	Indoor				
			100W	UL Listed	Indoor				
		<b>Constant Voltage Drivers</b> Constant Voltage LED Drivers are the easiest drivers to use in most situations. Check specifications for dimming options.	120/ 240/ 277VAC	120/240VAC	12W		Component Recognized	Indoor/ Outdoor	148
					20W		Component Recognized, UL Listed (optional)	Indoor/ Outdoor	
					25W		Component Recognized	Indoor	
					35W		Component Recognized, UL Listed (optional)	Indoor/ Outdoor	
60W	Component Recognized, UL Listed (optional)				Indoor/ Outdoor				
120VAC	12VDC				120W	Component Recognized	Indoor/ Outdoor		
120/240VAC				150W	Component Recognized	Indoor			
120/240VAC	120/240VAC			200W	Component Recognized	Indoor			
				300W	Component Recognized	Indoor			
				40W	Component Recognized, UL Listed (optional)	Indoor/ Outdoor			
		60W	Component Recognized, UL Listed (optional)	Indoor/ Outdoor					
120/240VAC	120/240VAC	60W	Component Recognized, UL Listed (optional)	Indoor/ Outdoor					
		35W	Component Recognized, UL Listed (optional)	Indoor/ Outdoor					
		150W	Component Recognized	Indoor/ Outdoor					
		200W	Component Recognized	Indoor					
120/ 240/ 277VAC	120/240VAC	24VDC	330W	Component Recognized	Indoor/ Outdoor	150			
			60W	Component Recognized	Indoor/ Outdoor				
		60W	Component Recognized, UL Listed (optional)	Indoor/ Outdoor					
		90W	Component Recognized, UL Listed (optional)	Indoor/ Outdoor					
		96W	Component Recognized, UL Listed (optional)	Indoor/ Outdoor					
		6W	UL Listed						
<b>Plug-In Adapters</b> A portable power supply option for temporary and short-term applications. Fixtures can be dimmed with inline Pulse Width Modulation (PWM) dimmers.	120/ 240VAC	12VDC	12W	UL Listed	Indoor	152			
			24W	UL Listed					
			36W	UL Listed					
			60W	UL Listed					
		120/240VAC	24VDC	12W			UL Listed		
				24W			UL Listed		
120/240VAC	24VDC	48W	UL Listed	154					
		90W	UL Listed						
		96W	UL Listed						



# TAPE LIGHT DRIVER FINDER

Use the **DRIVER FINDER** chart to find the best driver to meet your tape light run.

Data based on Class 2 power supplies. For drivers not listed here, see driver specification sheet.

## DRIVER FINDER

### TAPE LIGHT MODEL

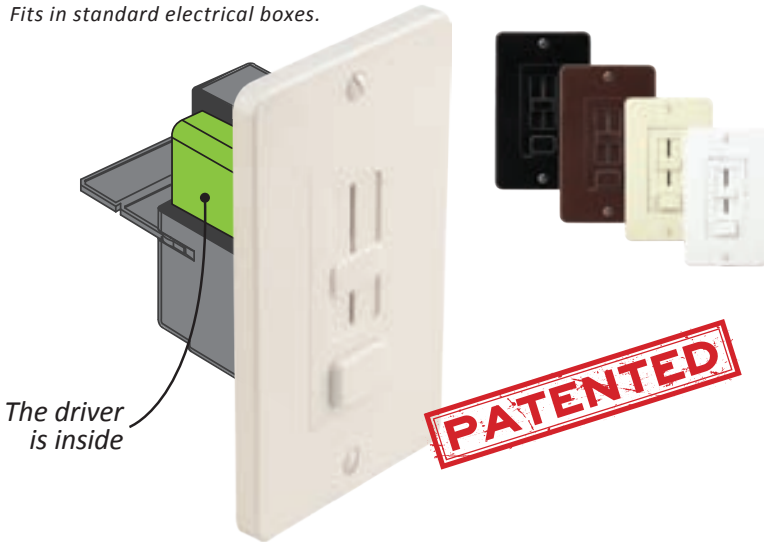
		OMNIDRIVE	OMNIDRIVE	OMNIDRIVE	SWITCHEX 0-10V	OMNIDRIVE	SWITCHEX OMNIDRIVE 0-10V	OMNIDRIVE	SWITCHEX 0-10V
		10W	20W	30W	40W	45W	60W	80W	100W
BLAZE BASICS 100 1.46 W/FT	12V	≤ 6 ft.	≤ 13 ft.	≤ 20 ft.	≤ 27 ft. Max				
	24V	≤ 6 ft.	≤ 13 ft.	≤ 20 ft.	≤ 27 ft.	≤ 30 ft.	≤ 41 ft.	≤ 54 ft.	≤ 55 ft. Max
BLAZE BASICS 200 2.93 W/FT	12V	≤ 3 ft.	≤ 6 ft.	≤ 10 ft.	≤ 13 ft.	≤ 15 ft.	≤ 20 ft. Max		
	24V	≤ 3 ft.	≤ 6 ft.	≤ 10 ft.	≤ 13 ft.	≤ 15 ft.	≤ 20 ft.	≤ 27 ft.	≤ 34 ft.
SQUIGGLY 2.3 W/FT	12V	≤ 4 ft.	≤ 9 ft.	≤ 10 ft. Max					
	-								
BLAZE X 100 1.56 W/FT	12V	≤ 6 ft.	≤ 12 ft.	≤ 19 ft.	≤ 25 ft.	≤ 28 ft.	≤ 37 ft. Max		
	24V	≤ 6 ft.	≤ 12 ft.	≤ 19 ft.	≤ 25 ft.	≤ 28 ft.	≤ 38 ft.	≤ 51 ft.	≤ 64 ft.
BLAZE X 200 3.1 W/FT	12V	≤ 3 ft.	≤ 6 ft.	≤ 9 ft.	≤ 12 ft.	≤ 14 ft.	≤ 19 ft.		
	24V	≤ 3 ft.	≤ 6 ft.	≤ 9 ft.	≤ 12 ft.	≤ 14 ft.	≤ 19 ft.	≤ 25 ft.	≤ 32 ft.
BLAZE X 300 4.3 W/FT	12V	≤ 2 ft.	≤ 4.5 ft.	≤ 6 ft.	≤ 9 ft.	≤ 10 ft.	≤ 13 ft.		
	24V	≤ 2 ft.	≤ 4.5 ft.	≤ 6 ft.	≤ 9 ft.	≤ 10 ft.	≤ 13 ft.	≤ 18 ft.	≤ 23 ft.
VALENT X 500 4.6 W/FT	-								
	24V	≤ 2 ft.	≤ 4 ft.	≤ 6.5 ft.	≤ 8.5 ft.	≤ 9 ft.	≤ 13 ft.	≤ 17 ft.	≤ 21 ft.
VALENT X 800 7.2 W/FT	-								
	24V	≤ 1.25 ft.	≤ 2.5 ft.	≤ 4 ft.	≤ 5.5 ft.	≤ 6 ft.	≤ 8 ft.	≤ 11 ft.	≤ 13 ft.
BLAZE NEON 1.2W/FT	-								
	24V	≤ 8 ft.	≤ 16 ft.	≤ 25 ft.	≤ 33 ft.	≤ 37 ft.	≤ 50 ft.	≤ 65 ft. Max	≤ 65 ft. Max
BLAZE NEON 2.7W/FT	-								
	24V	≤ 3.5 ft.	≤ 7 ft.	≤ 11 ft.	≤ 14 ft.	≤ 16 ft.	≤ 22 ft.	≤ 29 ft.	≤ 32.8 ft. Max
BLAZE NEON 4.4W/FT	-								
	24V	≤ 2 ft.	≤ 4.5 ft.	≤ 6.5 ft.	≤ 9 ft.	≤ 10 ft.	≤ 13.5 ft.	≤ 16.4 ft. Max	≤ 16.4 ft. Max



# SWITCHEX<sup>®</sup> Driver + Dimmer Switch

The patent pending SWITCHEX combines an LED dimmer switch and LED power supply into a single integrated unit. The SWITCHEX Dimmer + Driver accepts 120 VAC and converts it to low-voltage DC, all within a standard electrical box. With power options up to 100W, it is a true revolutionary step forward for power and control of LED applications.

*Fits in standard electrical boxes.*

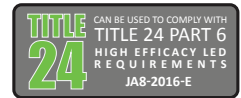


## FEATURES & BENEFITS

- Simplifies your LED installation
- Eliminates compatibility issues between drivers and switches
- Superior LED dimming performance (100% – 5%)
- Preset dimmer with on/off switch

## QUICK SPECS

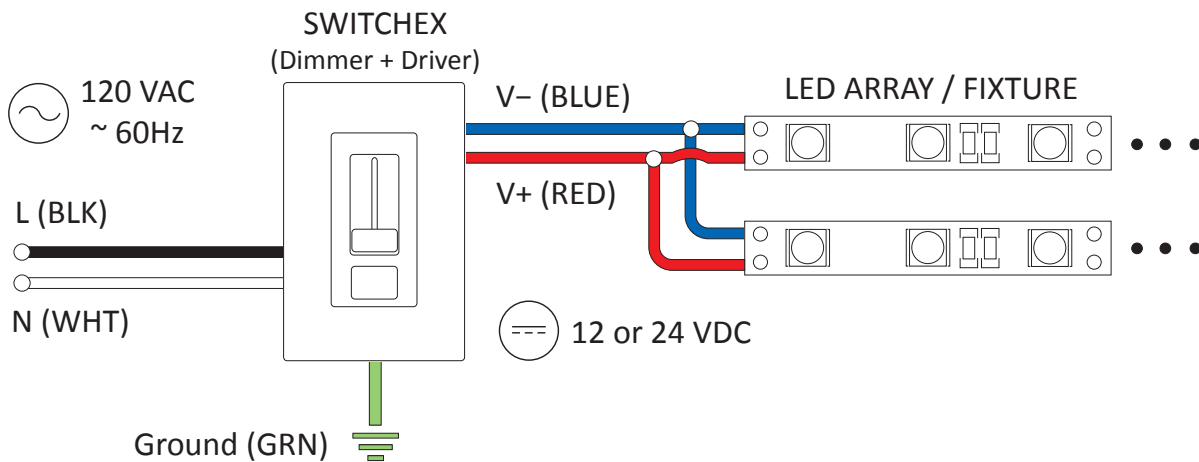
Environment	Indoor
Input Voltage	120VAC
Output Voltage	12VDC & 24VDC models
Connection Type	Hard-wired
Mounting	Single-Gang Box
Certifications	UL Listed 2108



WINNER OF THE ARCHITECTURAL SSL PRODUCT INNOVATION AWARD

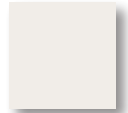
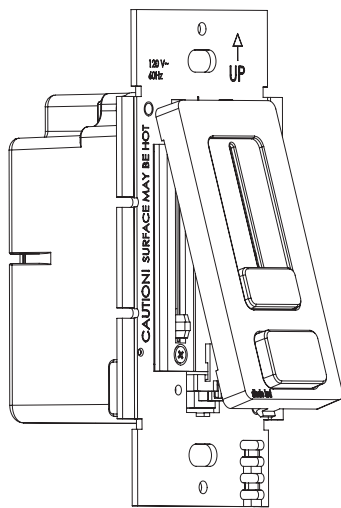


## SWITCHEX<sup>®</sup> Driver and Dimmer Switch Diagram



See page 156 for technical notes applicable to all system diagrams. Diagrams are subject to change.

## SWITCHEX® Options



GLOSSY WHITE



GLOSSY LIGHT ALMOND



GLOSSY DARK BROWN



3 face plates options are included with SWITCHEX. Trim plates and the black finish option are sold separately.

### SWITCHEX Driver + Dimmer Switch





VIEW FULL SPECIFICATION SHEETS AT [www.DiodeLED.com](http://www.DiodeLED.com)

INPUT	OUTPUT	SKU	WATTAGE
120VAC	12VDC	DI-12V-SE-40W	40W
		DI-12V-SE-60W	60W
	24VDC	DI-24V-SE-60W	60W
		DI-24V-SE-100W	100W

(Four Trim Plate Color Options)



### SWITCHEX Trim Plate

SKU	FINISH
DI-SE-TP-BR	 Glossy Dark Brown
DI-SE-TP-LA	 Glossy Light Almond
DI-SE-TP-WH	 Glossy White
DI-SE-FP-3	SWITCHEX Trim Plate Kit - White/Almond/Brown
DI-SE-FP-BL	 Glossy Black (face plate & trim plate sold together)

# OMNIDRIVE® Electronic Dimmable Drivers

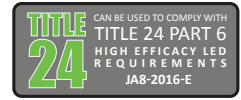
OMNIDRIVE® Electronic Dimmable Drivers are our best-selling dimmable power supplies. They offer superior dimming performance for the widest range of dimming switches. The built-in electronic filter eliminates flicker and provides the smoothest dimming from 100% down to 10%. They offer superior dimming performance when paired with: TRIAC dimmer controls, magnetic low-voltage (MLV), electronic low-voltage (ELV) and incandescent/halogen dimmer switches, as well as 3/4/5-way and on/off switching.

## FEATURES & BENEFITS

- 12V and 24V models
- Smooth, flicker-free dimming
- Indoor and outdoor models
- Versatile dimmer compatibility

## QUICK SPECS

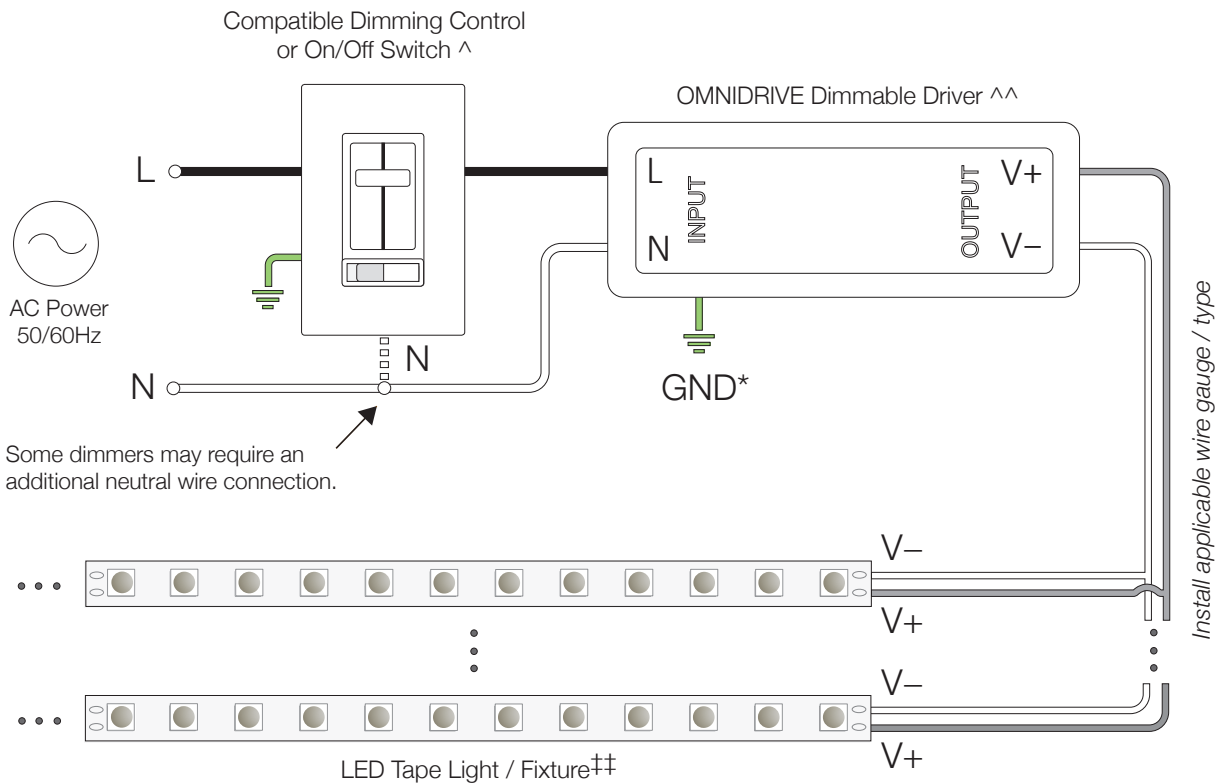
<b>Environment</b>	Indoor & outdoor models
<b>Input Voltage</b>	120VAC
<b>Output Voltage</b>	12VDC & 24VDC models
<b>Connection Type</b>	Hard-wired
<b>Dimming</b>	Forward Phase & Reverse Phase Dimming
<b>Certification</b>	UL Listed



## COMPATIBILITY NOTE

This driver is NOT COMPATIBLE with Pulse Width Modulation (PWM) dimmers such as our REIGN® Wall Mount LED Dimmer Switches or Inline LED Dimmer Switches. Visit [www.DiodeLED.com](http://www.DiodeLED.com) for a full compatibility guide.

## OMNIDRIVE® Electronic Dimmable Driver Diagram



See page 156 for technical notes applicable to all system diagrams. Diagrams are subject to change.

# OMNIDRIVE® Driver Model Options

## LO-PRO® JUNCTION BOX & DRIVER COMBO

Place your order using the UL DRIVER OPTION in the table below for a fully certified (UL 2108) power supply with junction box. See page 126 for details.



**LO-PRO COMBO NOTE:** Junction box will change the dimensions and certification on the driver. See specification sheet for updated specifications.

10W / 20W



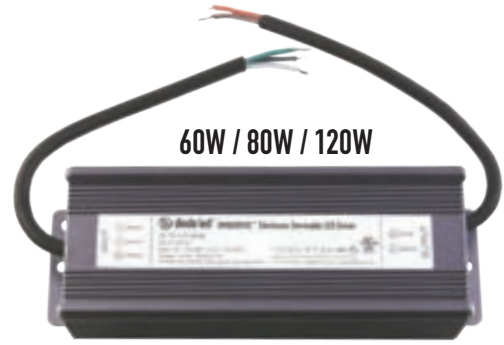
5.7 x 2.1 x 0.75 in.

30W / 45W



7 x 2.3 x 1.35 in.

60W / 80W / 120W



9.1 x 2.7 x 1.8 in.

### 12V OMNIDRIVE®

VIEW FULL SPECIFICATION SHEETS AT [www.DiodeLED.com](http://www.DiodeLED.com)

OUTPUT	SKU (DRIVER ONLY)	UL DRIVER OPTION (DRIVER/J-BOX COMBO)	WATTAGE	ENVIRONMENT	DIMENSIONS
12VDC	DI-TD-12V-10W	DI-TD-12V-10W-LPS	10W	Indoor	5.7 x 2.1 x 0.75 in.
	DI-TD-12V-20W	DI-TD-12V-20W-LPS	20W	Indoor	5.7 x 2.1 x 0.75 in.
	DI-TD-12V-30W	DI-TD-12V-30W-LPS	30W	Indoor	7 x 2.3 x 1.35 in.
	DI-TD-12V-45W	DI-TD-12V-45W-LPL	45W	Indoor	7 x 2.3 x 1.35 in.
	DI-TD-12V-60W	DI-TD-12V-60W-LPL	60W	Indoor / Outdoor	9.1 x 2.7 x 1.8 in.
	DI-TD-12V-80W	N/A	80W	Indoor / Outdoor	9.1 x 2.7 x 1.8 in.
	DI-TD-12V-120W	N/A	120W	Indoor / Outdoor	9.1 x 2.7 x 1.8 in.

### 24V OMNIDRIVE®

VIEW FULL SPECIFICATION SHEETS AT [www.DiodeLED.com](http://www.DiodeLED.com)

OUTPUT	SKU (DRIVER ONLY)	UL DRIVER OPTION (DRIVER/J-BOX COMBO)	WATTAGE	ENVIRONMENT	DIMENSIONS
24VDC	DI-TD-24V-10W	DI-TD-24V-10W-LPS	10W	Indoor	5.7 x 2.1 x 0.75 in.
	DI-TD-24V-20W	DI-TD-24V-20W-LPS	20W	Indoor	5.7 x 2.1 x 0.75 in.
	DI-TD-24V-30W	DI-TD-24V-30W-LPS	30W	Indoor	7 x 2.3 x 1.35 in.
	DI-TD-24V-45W	DI-TD-24V-45W-LPL	45W	Indoor	7 x 2.3 x 1.35 in.
	DI-TD-24V-60W	DI-TD-24V-60W-LPL	60W	Indoor / Outdoor	7.9 x 2.7 x 1.8 in.
	DI-TD-24V-80W	DI-TD-24V-80W-LPL	80W	Indoor / Outdoor	9.1 x 2.7 x 1.8 in.
	DI-TD-24V-96W	DI-TD-24V-96W-LPL	96W	Indoor / Outdoor	9.1 x 2.7 x 1.8 in.
	DI-TD-24V-120W	N/A	120W	Indoor / Outdoor	9.1 x 2.7 x 1.8 in.



# OMNIDRIVE® 2 Electronic Dimmable Drivers

OMNIDRIVE® 2 Electronic Dimmable Driver is the next generation of our best selling OMNIDRIVE. This newly enhanced driver features a 0% minimum wattage load and provides a greater dimming range. It offers superior dimming performance when paired with: TRIAC dimmer controls, magnetic low-voltage (MLV), electronic low-voltage (ELV) and incandescent/halogen dimmer switches, as well as 3/4/5-way and on/off switching.

## FEATURES & BENEFITS

- No minimum load
- Superior dimming range
- ETL Listed enclosure
- Comprehensive dimming capacity

## QUICK SPECS

<b>Environment</b>	Indoor
<b>Input Voltage</b>	120VAC
<b>Output Voltage</b>	12VDC & 24VDC models
<b>Connection Type</b>	Hard-wired
<b>Dimming</b>	Forward Phase & Reverse Phase Dimming
<b>Certification</b>	ETL Listed



OMNIDRIVE® 2 is compatible with the Caséta wireless control system from Lutron. See page 98 for details.

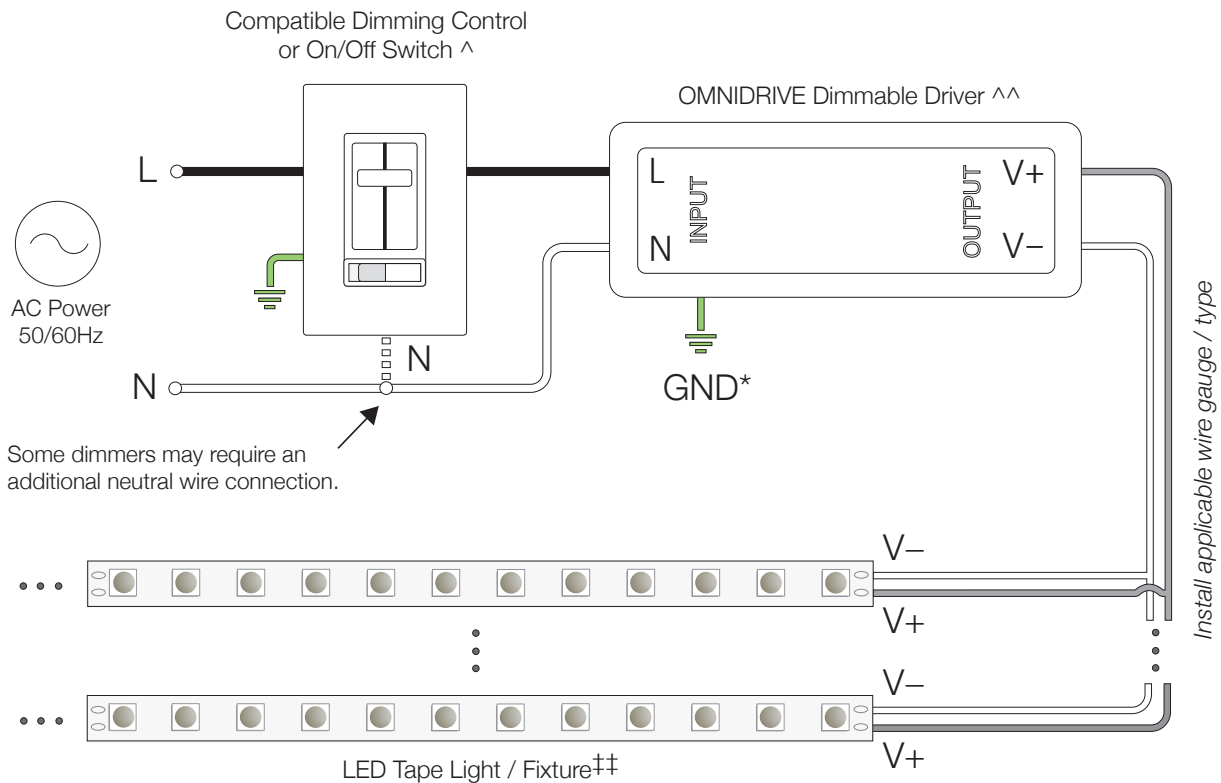


## COMPATIBILITY NOTE

This driver is NOT COMPATIBLE with Pulse Width Modulation (PWM) dimmers such as our REIGN® Wall Mount LED Dimmer Switches or Inline LED Dimmer Switches. Visit [www.DiodeLED.com](http://www.DiodeLED.com) for a full compatibility guide.



## OMNIDRIVE® 2 Electronic Dimmable Driver Diagram



See page 156 for technical notes applicable to all system diagrams. Diagrams are subject to change.



## OMNIDRIVE® 2 Driver Model Options



13.75 x 3 x 1.6 in.



15 x 3.1 x 2.4 in.



16.1 x 3.4 x 2.4 in.

### 12V OMNIDRIVE® 2

VIEW FULL SPECIFICATION SHEETS AT [www.DiodeLED.com](http://www.DiodeLED.com)

OUTPUT	SKU	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS
12VDC	DI-OD2-12V24W	24W	Yes	Indoor	13.75 x 3 x 1.6 in.
	DI-OD2-12V60W	60W	Yes	Indoor	13.75 x 3 x 1.6 in.
	DI-OD2-12V120W	120W	No	Indoor	15 x 3.10 x 2.4 in.
	DI-OD2-12V200W	200W	No	Indoor	16.1 x 3.4 x 2.4 in.

### 24V OMNIDRIVE® 2

VIEW FULL SPECIFICATION SHEETS AT [www.DiodeLED.com](http://www.DiodeLED.com)

OUTPUT	SKU	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS
24VDC	DI-OD2-24V24W	24W	Yes	Indoor	13.75 x 3 x 1.6 in.
	DI-OD2-24V60W	60W	Yes	Indoor	13.75 x 3 x 1.6 in.
	DI-OD2-24V96W	96W	Yes	Indoor	15 x 3.1 x 2.4 in.
	DI-OD2-24V120W	120W	No	Indoor	15 x 3.1 x 2.4 in.
	DI-OD2-24V200W	200W	No	Indoor	16.1 x 3.4 x 2.4 in.

# DID YOU KNOW?

## OMNIDRIVE 2

You can max out your wattage to full capacity! In addition, OMNIDRIVE 2 provides a zero minimum load for both dimming and on/off applications.

# Magnetic Dimmable Drivers

Magnetic Dimmable Drivers are the compatible power source for applications using MLV (Magnetic low-voltage) dimmer switches to control 12V and 24V LED lights. Please see the product page to view a complete list of compatible MLV dimming systems.

The Magnetic Multi-tap Dimmable Drivers are ideal for larger installations that is required to meet Class 2 electrical limitations. These Multi-tap Drivers split the given maximum wattage and are divided up within Class 2 breakers, which can be loaded 100% to full Class 2 capacity.

## FEATURES & BENEFITS

- Class 2 models
- NEMA 3R rated enclosure
- Suitable for dry and wet environments
- Built-in junction box

## QUICK SPECS

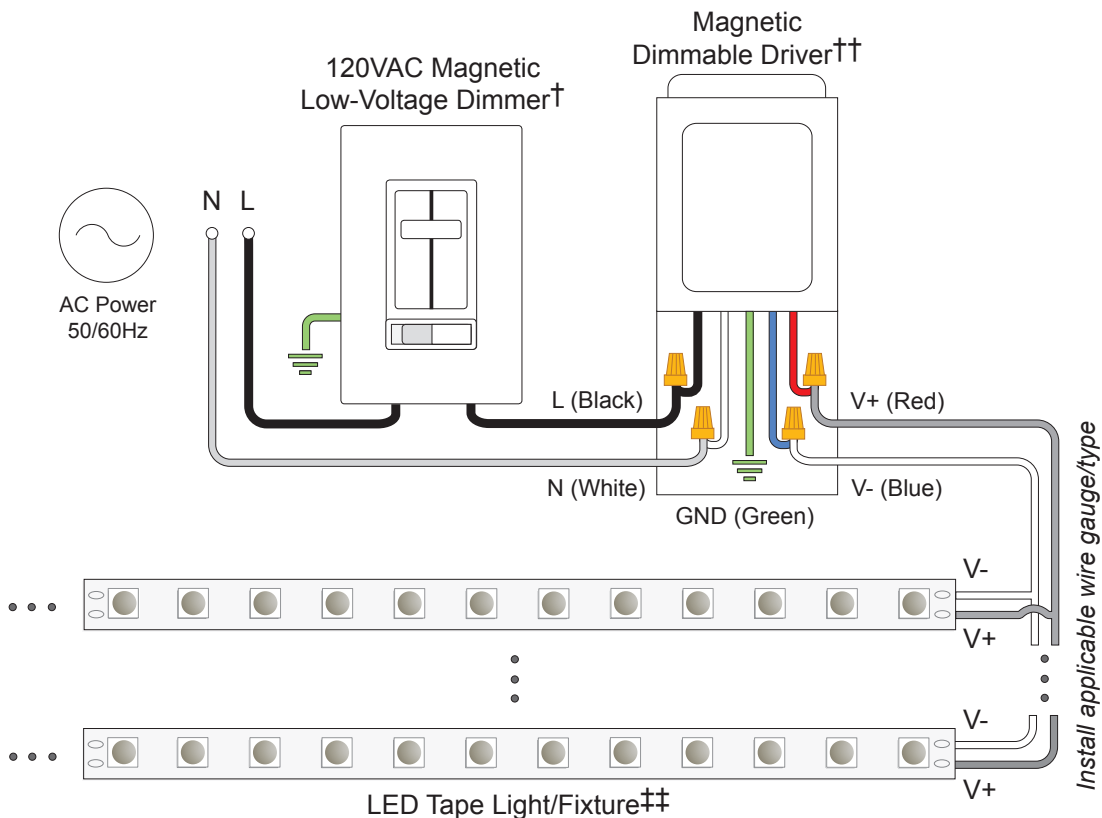
<b>Environment</b>	Indoor/Outdoor
<b>Input Voltage</b>	120VAC & 277VAC options
<b>Output Voltage</b>	12VDC & 24VDC models
<b>Connection Type</b>	Hard-wired
<b>Dimming</b>	Forward Phase Dimming
<b>Certification</b>	ETL Listed



## COMPATIBILITY NOTE

This driver is NOT COMPATIBLE with Pulse Width Modulation (PWM) dimmers such as our REIGN® Wall Mount LED Dimmer Switches or Inline LED Dimmer Switches. Visit [www.DiodeLED.com](http://www.DiodeLED.com) for a full compatibility guide.

## Magnetic Dimmable Driver Diagram



See page 156 for technical notes applicable to all system diagrams. Diagrams are subject to change.

# Magnetic Dimmable Driver Model Options



2.2 x 2.2 x 5.6 in.



5.6 x 2.25 x 2.2 in.



6.6 x 2.6 x 2.3 in.



9.8 x 3 x 3 in.



9.8 x 4.2 x 3.5 in.

## 12V Magnetic Dimmable Driver

[VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com](http://www.DiodeLED.com)

INPUT VOLTAGE	OUTPUT	SKU	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS
120VAC	12VDC	DI-0920	20W	Yes	Outdoor/Indoor	2.2 x 2.2 x 5.6 in.
		DI-DM-12V40W	40W	Yes	Outdoor/Indoor	5.6 x 2.25 x 2.2 in.
		DI-0922	60W	Yes	Outdoor/Indoor	6.6 x 2.6 x 2.3 in.
		DI-0925	100W	No	Outdoor/Indoor	9.8 x 3 x 3 in.
		DI-DM-12V120W-MT	Multi-tap 120W (2x 60W)	Yes	Outdoor/Indoor	9.8 x 3 x 3 in.
		DI-DM-12V180W-MT	Multi-tap 180W (3x 60W)	Yes	Outdoor/Indoor	9.8 x 3 x 3 in.
		DI-0923	200W	No	Outdoor/Indoor	9.8 x 3 x 3 in.
		DI-DM-12V300W-MT	Multi-tap 300W (5x 60W)	Yes	Outdoor/Indoor	9.8 x 4.2 x 3.5 in.
277VAC	12VDC	DI-DM-12V20W-277	20W	Yes	Outdoor/Indoor	5.6 x 2.25 x 2.2 in.
		DI-DM-12V60W-277	60W	Yes	Outdoor/Indoor	6.6 x 2.6 x 2.3 in.
		DI-DM-12V100W-277	100W	No	Outdoor/Indoor	9.8 x 3 x 3 in.
		DI-DM-12V200W-277	200W	No	Outdoor/Indoor	9.8 x 4.2 x 3.5 in.
		DI-DM-12V300W-277	300W	No	Outdoor/Indoor	9.8 x 4.2 x 3.5 in.

## 24V Magnetic Dimmable Driver

[VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com](http://www.DiodeLED.com)

INPUT VOLTAGE	OUTPUT	SKU	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS
120VAC	24VDC	DI-DM-24V40W	40W	Yes	Outdoor/Indoor	5.6 x 2.2 x 2.2 in.
		DI-0956	96W	Yes	Outdoor/Indoor	5.6 x 2.2 x 2.2 in.
		DI-DM-24V192W-MT	Multi-tap 192W (2x 96W)	Yes	Outdoor/Indoor	9.8 x 4.2 x 3.2 in.
		DI-DM-24V200W	200W	No	Outdoor/Indoor	9.8 x 3.1 x 3 in.
		DI-DM-24V288W-MT	Multi-tap 288W (3x 96W)	Yes	Outdoor/Indoor	9.8 x 4.2 x 3.2 in.
277VAC	24VDC	DI-DM-24V300W	300W	No	Outdoor/Indoor	9.8 x 4.2 x 3.5 in.
		DI-DM-24V20W-277	20W	Yes	Outdoor/Indoor	5.6 x 2.2 x 2.2 in.
		DI-DM-24V40W-277	40W	Yes	Outdoor/Indoor	5.6 x 2.2 x 2.2 in.
		DI-DM-24V96W-277	96W	Yes	Outdoor/Indoor	9.8 x 3.1 x 3 in.
		DI-DM-24V200W-277	200W	No	Outdoor/Indoor	9.8 x 4.2 x 3.5 in.
DI-DM-24V300W-277	300W	No	Outdoor/Indoor	9.8 x 4.2 x 3.5 in.		





## Lutron® Hi-lume™ Series LED Drivers

The Lutron® Hi-lume™ Series LED Drivers are high performance LED power supplies for commercial or residential applications. This driver series provides smooth, continuous, flicker free dimming for 12V and 24VDC lighting systems. The Lutron LED Driver ensures a safe and reliable installation, thanks to its own specialized wiring and mounting enclosure. It is specifically engineered to work with a full range of Lutron® controls.

### COMPATIBILITY NOTE

These drivers are NOT COMPATIBLE with Pulse Width Modulation (PWM) dimmers such as our REIGN® Wall Mount LED Dimmer Switches or Inline LED Dimmer Switches. Visit [www.DiodeLED.com](http://www.DiodeLED.com) for a full compatibility guide.

### FEATURES & BENEFITS

- Dimming down to 0.1% dimming
- Commercial and residential applications
- 120/240/277VAC compatible
- UL Listed 8750



### Hi-lume 1% 2-wire LTE LED driver

VIEW FULL SPECIFICATION SHEETS AT [www.DiodeLED.com](http://www.DiodeLED.com)

INPUT	OUTPUT	WATTAGE	SKU	DIMENSIONS
120VAC	12VDC	40W	DI-DM-12V40W-LTE	4.89 x 4 x 2.62 in.
	24VDC	40W	DI-DM-24V40W-LTE	4.89 x 4 x 2.62 in.

- High performance in residential applications
- 120VAC residential level input



### Hi-lume 1% 3-wire L3D LED driver

VIEW FULL SPECIFICATION SHEETS AT [www.DiodeLED.com](http://www.DiodeLED.com)

INPUT	OUTPUT	WATTAGE	SKU	DIMENSIONS
120/ 240/ 277VAC	12VDC	40W	DI-DM-12V40W-L3D	4.89 x 4 x 2.62 in.
	24VDC	40W	DI-DM-24V40W-L3D	4.89 x 4 x 2.62 in.

- High performance in commercial applications
- 277VAC commercial level input



### Hi-lume 0.1% L3DO LED driver

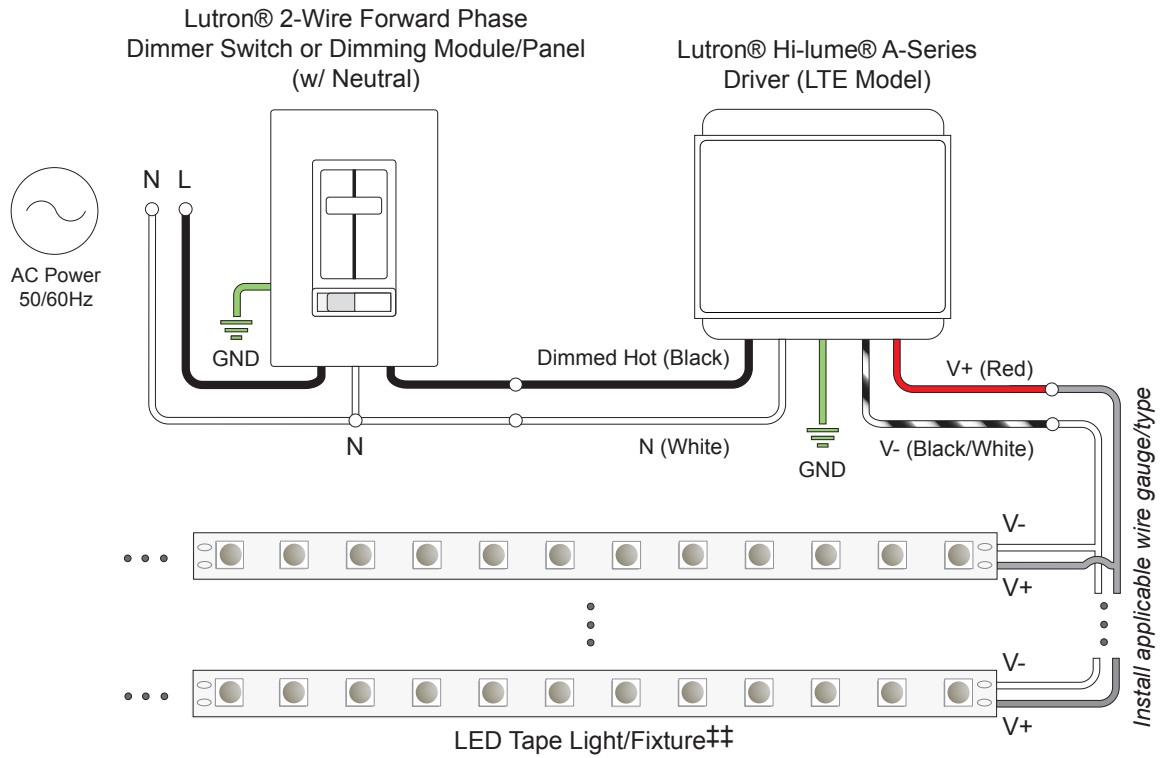
VIEW FULL SPECIFICATION SHEETS AT [www.DiodeLED.com](http://www.DiodeLED.com)

INPUT	OUTPUT	WATTAGE	SKU	DIMENSIONS
120/ 240/ 277VAC	24VDC	96W	DI-DM-24V96W-L3D	10.5 x 5.5 x 2.0 in.

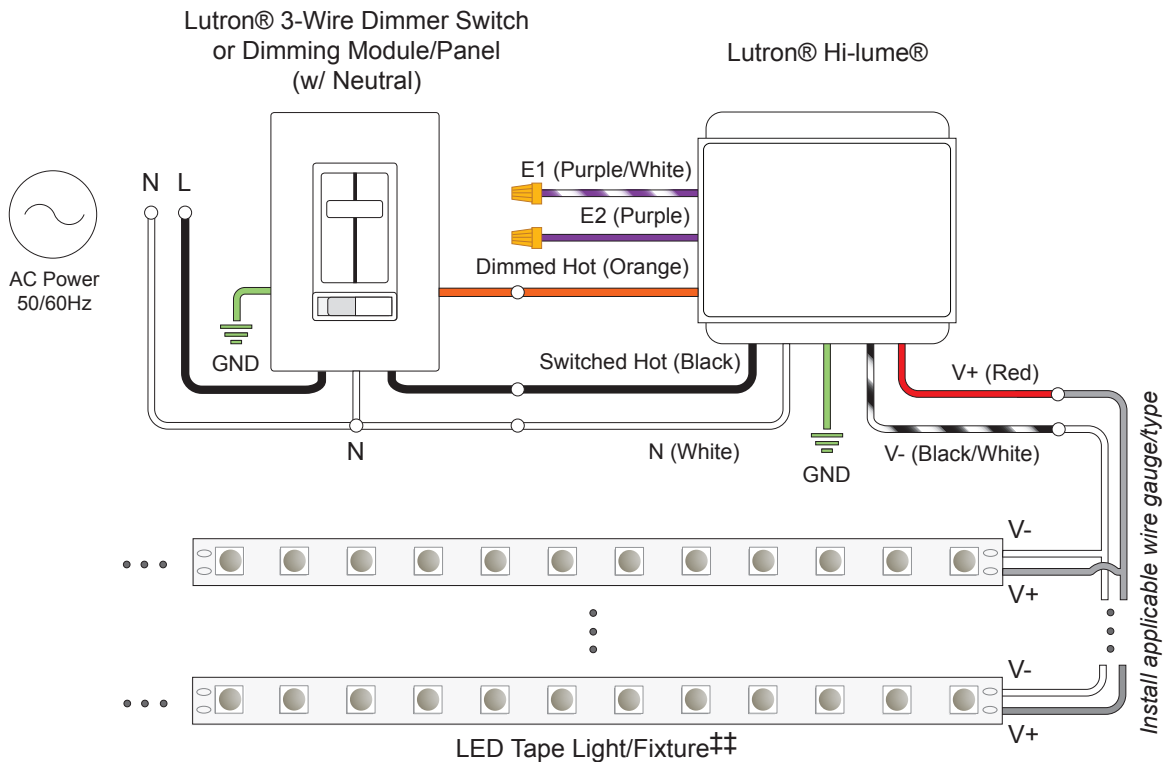
- High performance in cove and task lighting applications
- Greatest available dimming performance (100%-0.1%)
- 277VAC commercial level input



**LUTRON® Hi-lume™ 1% 2-wire LTE LED Driver Diagram**



**LUTRON® Hi-lume® L3D & L3D0 Driver Diagram**



See page 156 for technical notes applicable to all system diagrams. Diagrams are subject to change.

# 0-10V Dimmable LED Drivers

Ideal for commercial applications, 0-10V Dimmable LED Drivers are essential components when retro-fitting to low-voltage LED fixtures in 0-10V control systems. Ideal for most installations, these drivers are rated for wet and dry locations and allows for superior dimming performance with its continuous 100-10% range. Visit the product page on the website for a full list of compatible systems.

## FEATURES & BENEFITS

- Flicker-free dimming
- Commercial retrofit applications
- 12V and 24V models
- Class 2 compliant

## QUICK SPECS

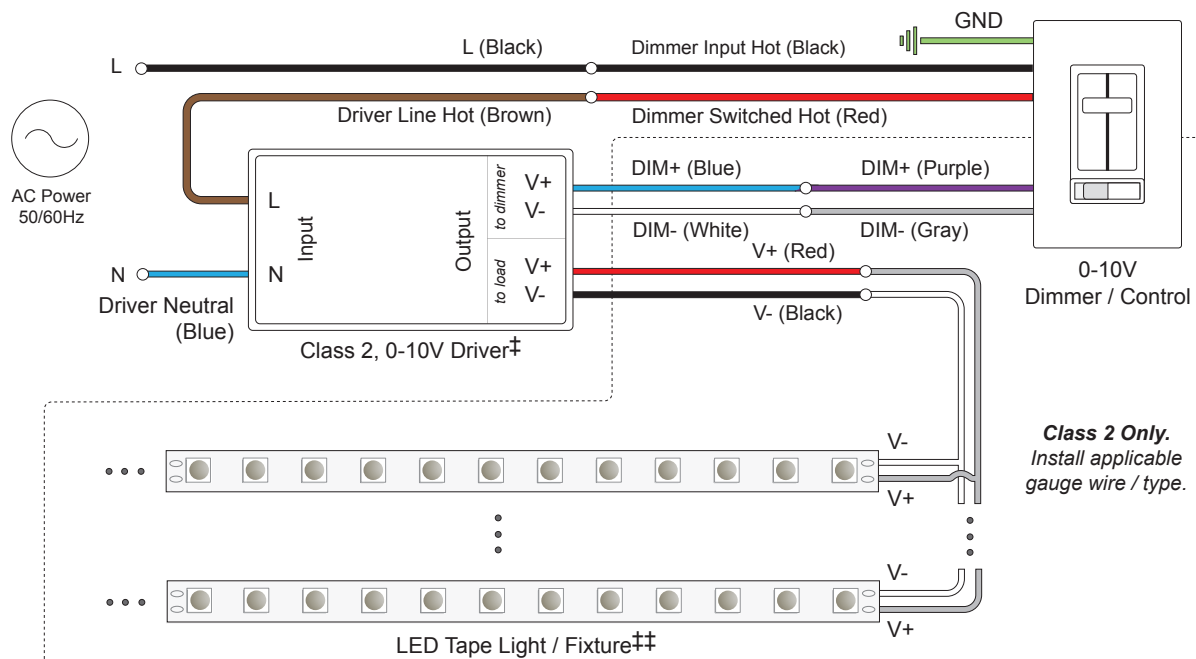
<b>Environment</b>	Indoor/Outdoor
<b>Input Voltage</b>	120/240/277VAC
<b>Output Voltage</b>	12VDC & 24VDC models
<b>Connection Type</b>	Hard-wired
<b>Dimming</b>	0-10V dimming systems
<b>Certification</b>	Component Recognized

## COMPATIBILITY NOTE

This driver is NOT COMPATIBLE with Pulse Width Modulation (PWM) dimmers such as our REIGN® Wall Mount LED Dimmer Switches or Inline LED Dimmer Switches. Visit [www.DiodeLED.com](http://www.DiodeLED.com) for a full compatibility guide.



## 0-10V Dimmable Driver System Diagram (No Power Pack)



† Refer to driver or controller specifications for a compatible junction box.

†† See fixture specifications for maximum series run limits.

**Class 2 Only.**  
Install applicable gauge wire / type.

See page 156 for technical notes applicable to all system diagrams. Diagrams are subject to change.

# 0-10V Dimmable LED Driver Model Options

## LO-PRO® JUNCTION BOX & DRIVER COMBO

Place your order using the UL DRIVER OPTION in the table below for a fully certified (UL 2108) power supply with junction box. See page 126 for details.



**LO-PRO COMBO NOTE:** Junction box will change the dimensions and certification on the driver. See specification sheet for updated specifications.

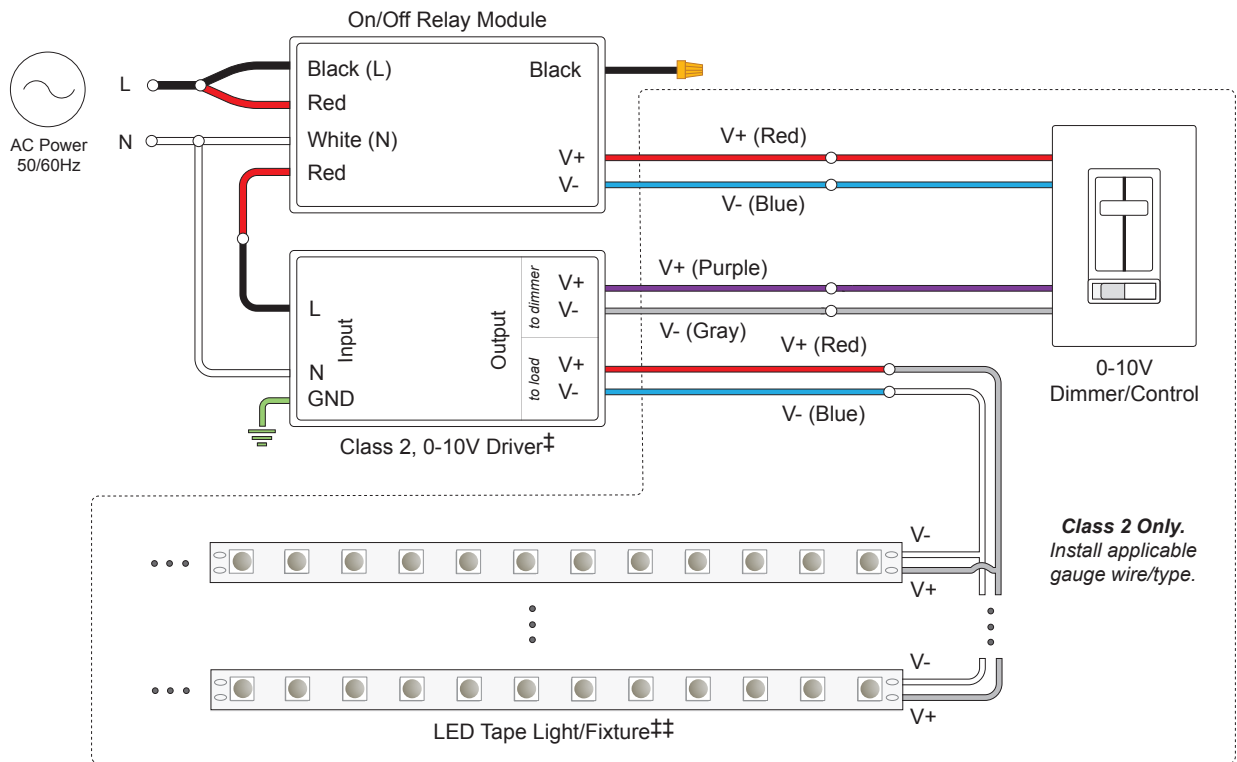


### 0-10V Commercial Grade Dimmable Drivers

VIEW FULL SPECIFICATION SHEETS AT [www.DiodeLED.com](http://www.DiodeLED.com)

INPUT	OUTPUT	SKU (DRIVER ONLY)	UL DRIVER OPTION (DRIVER/J-BOX COMBO)	WATTAGE	CLASS 2	DIMENSIONS
120/ 240/ 277VAC	12VDC	DI-DM-MW12V40W-0-10V	DI-DM-MW12V40W-0-10V-LPS	40W	Yes	5.9 x 2.1 x 1.4 in.
		DI-DM-MW12V60W-0-10V	DI-DM-MW12V60W-0-10V-LPS	60W	Yes	5.9 x 2.1 x 1.4 in.
		DI-DM-12V60W-0-10V	N/A	60W	Yes	9.5 x 1.7 x 1.14 in.
	24VDC	DI-DM-MW24V60W-0-10V	DI-DM-MW24V60W-0-10V-LPS	60W	Yes	5.9 x 2.1 x 1.4 in.
		DI-DM-MW24V90W-0-10V	DI-DM-MW24V90W-0-10V-LPL	90W	Yes	6.74 x 2.48 x 1.48 in.
		DI-DM-24V100W-0-10V	N/A	100W	Yes	9.5 x 2.4 x 1.46 in.

### 0-10V Dimmable Driver System Diagram (With Power Pack)



See page 156 for technical notes applicable to all system diagrams. Diagrams are subject to change.

# VLM Series LED Drivers

## SMALL SIZE, BIG POWER:

The VLM Series LED Driver is the highest efficiency LED power supply with the smallest footprint. Every component selected is the most compact version without sacrificing performance and is UL Listed. To push this concept to its limits, some components that do not exist in the industry were created solely for this innovative low-voltage LED power supply.

## DESIGNED IN PACE WITH THE INDUSTRY:

LED lighting technology and quality are advancing every year. Now is the time for LED drivers to stand out. By utilizing advanced 3D design techniques, the amount of empty space left on the board and within the driver housing is drastically reduced. Minimizing noise paths and optimizing the flow of energy through the converter are paramount to success in high density design.

## THERMAL EFFICIENCY DEFINED:

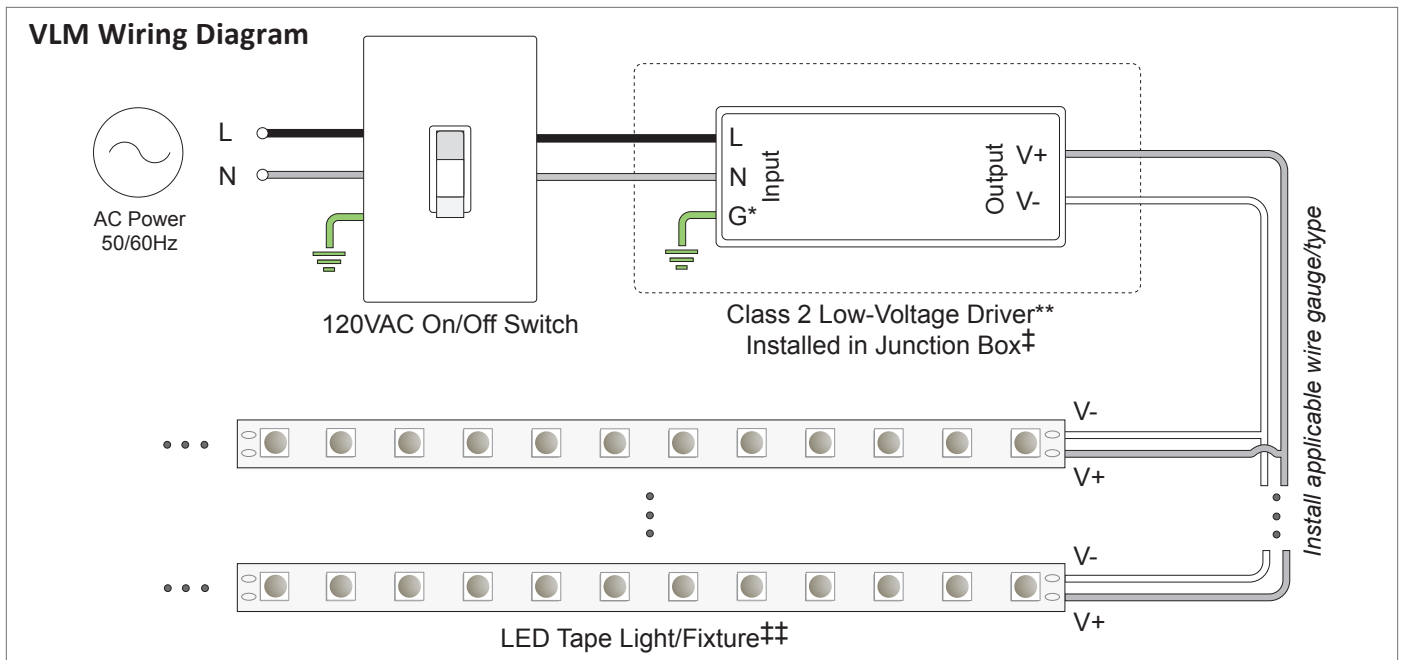
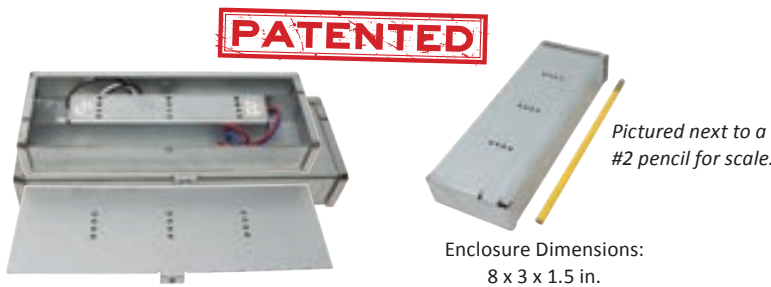
VLM Series LED Drivers are potted with precision to conduct heat more uniformly to the bottom and the body of the driver. The entire driver contact surface area is fully utilized to dissipate thermal build-up and deliver reliable power to your lighting.

## FEATURES & BENEFITS

- 80% smaller size than the competition
- 93% efficient Vs. 89% efficient competition
- 5 year warranty

## QUICK SPECS

<b>Environment</b>	Indoor
<b>Input Voltage</b>	120/277VAC
<b>Output Voltage</b>	12VDC, 24VDC & 48VDC models
<b>Connection Type</b>	Hard-wired
<b>Dimming</b>	PWM only
<b>Certification</b>	UL 8750



See page 156 for technical notes applicable to all system diagrams. Diagrams are subject to change.



# VLM Series LED Driver Model Options

## LO-PRO® JUNCTION BOX & DRIVER COMBO

Place your order using the UL DRIVER OPTION in the table below for a fully certified (UL 2108) power supply with junction box. See page 126 for details.



**LO-PRO COMBO NOTE:** Junction box will change the dimensions and certification on the driver. See specification sheet for updated specifications.

**60W**  
(12V, 24V & 48V)



**100W**  
(12V, 24V & 48V)



### 12V VLM Constant Voltage Driver

VIEW FULL SPECIFICATION SHEETS AT [www.DiodeLED.com](http://www.DiodeLED.com)

INPUT	OUTPUT	SKU	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS
120/ 277VAC	12VDC	VLM60W-12	60W	Yes	Indoor	L 5.12 x W 0.75 x H 0.75 in
		VLM100W-12	100W	No	Indoor	L 5.39 x W 1 x H 0.75 in

### 24V VLM Constant Voltage Driver

VIEW FULL SPECIFICATION SHEETS AT [www.DiodeLED.com](http://www.DiodeLED.com)

INPUT	OUTPUT	SKU	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS
120/ 277VAC	24VDC	VLM60W-24	60W	Yes	Indoor	L 5.12 x W 0.75 x H 0.75 in
		VLM100W-24	100W	Yes	Indoor	L 5.39 x W 1 x H 0.75 in

### 48V VLM Constant Voltage Driver

VIEW FULL SPECIFICATION SHEETS AT [www.DiodeLED.com](http://www.DiodeLED.com)

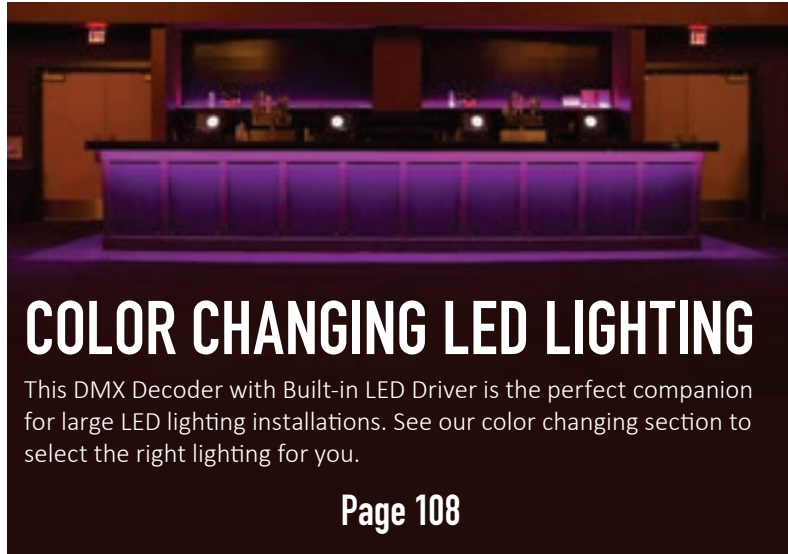
INPUT	OUTPUT	SKU	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS
120/ 277VAC	48VDC	VLM60W-48	60W	Yes	Indoor	L 5.12 x W 0.75 x H 0.75 in
		VLM100W-48	100W	Yes	Indoor	L 5.39 x W 1 x H 0.75 in



\* Driver size based on 100W model

# DMX Decoder with Built-in LED Driver

Commercial lighting has never been easier than before. The new DMX Driver combines the operations of a low voltage 24V Class 2 driver and a DMX Decoder into a single unit. UL listed for indoor usage, the 4 channel DMX 512 compatible driver meets commercial grade 24V Class 2 requirements for both Color Changing and Single Color applications.



## FEATURES & BENEFITS

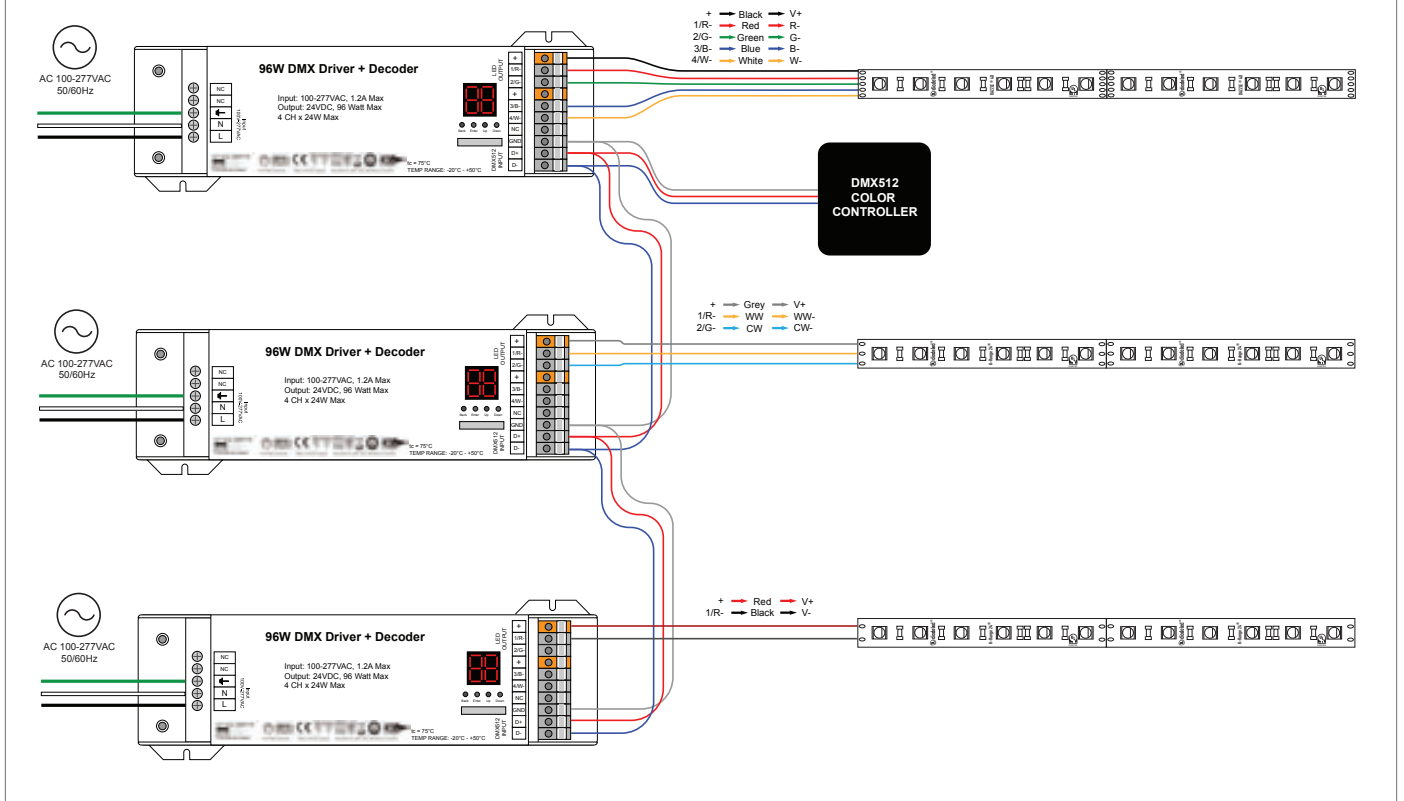
- Push-down terminal connections
- Integrated DMX 512 decoder
- Commercial and residential applications

## QUICK SPECS

Environment	Indoor
Input Voltage	120-277VAC
Output Voltage	24VDC
Connection Type	Terminal block
Control	DMX
Certification	Component Recognized



## DMX Driver Diagram



# DMX Decoder with Built-in LED Driver

## LO-PRO® JUNCTION BOX & DRIVER COMBO

Place your order using the UL DRIVER OPTION in the table below for a fully certified (UL 2108) power supply with junction box. See page 126 for details.



**LO-PRO COMBO NOTE:** Junction box will change the dimensions and certification on the driver. See specification sheet for updated specifications.



VIEW FULL SPECIFICATION SHEETS AT [www.DiodeLED.com](http://www.DiodeLED.com)

INPUT	OUTPUT	SKU (DRIVER ONLY)	UL DRIVER OPTION (DRIVER/J-BOX COMBO)	WATTAGE	CLASS 2	DIMENSIONS
120/ 277VAC	24VDC	DI-DMX-DCO-24V96W-277	DI-DMX-DCO-24V96W-277-LPL	Up to 96W*	Yes	L 9 x W 2.52 x H 1.25 in.

\* See specification sheet for power guidelines.

## DMX CONTROLS

LOOKING FOR THE ULTIMATE  
DMX COLOR CONTROLLER?

See our complete DMX offerings online

[www.DiodeLED.com](http://www.DiodeLED.com)



# 12V Constant Voltage LED Drivers

Constant Voltage LED Drivers are a great choice when pairing with 120/240/277VAC on/off switches, low-voltage REIGN® Dimmers, PWM dimmers and RGB/DMX controls. These hard-wired drivers are available in various dimensions and voltage/wattage combinations for your LED application.

## FEATURES & BENEFITS

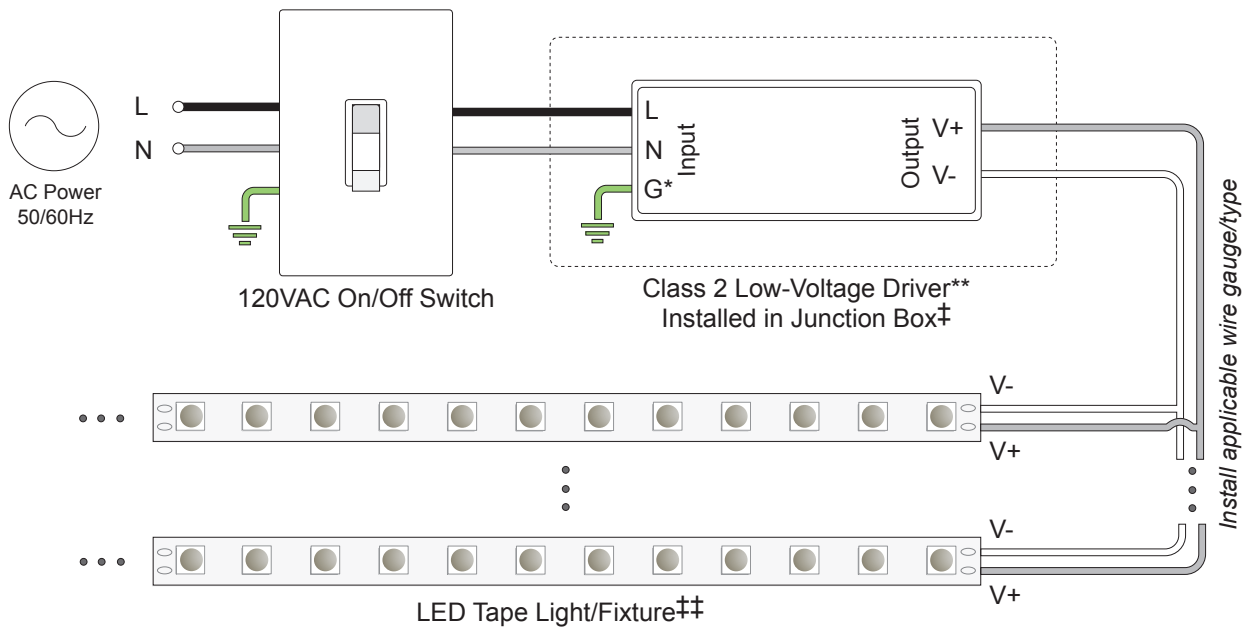
- Hard-wired connections
- Indoor and outdoor models
- Dimmable with PWM dimmers on select models
- Commercial and residential applications

## QUICK SPECS

<b>Environment</b>	Indoor & outdoor options
<b>Input Voltage</b>	120/240/277VAC options
<b>Output Voltage</b>	12VDC
<b>Connection Type</b>	Hard-wired
<b>Dimming</b>	See specifications
<b>Certification</b>	Component Recognized



**Basic Hard-Wired On/Off Diagram**



See page 156 for technical notes applicable to all system diagrams. Diagrams are subject to change.

# 12V Constant Voltage LED Driver Model Options

## LO-PRO® JUNCTION BOX & DRIVER COMBO

Place your order using the UL DRIVER OPTION in the table below for a fully certified (UL 2108) power supply with junction box. See page 126 for details.



**LO-PRO COMBO NOTE:** Junction box will change the dimensions and certification on the driver. See specification sheet for updated specifications.

### 12VDC Constant Voltage Drivers

VIEW FULL SPECIFICATION SHEETS AT [www.DiodeLED.com](http://www.DiodeLED.com)

PRODUCT IMAGE	INPUT	SKU (DRIVER ONLY)	UL DRIVER OPTION (DRIVER/J-BOX COMBO)	WATTAGE	COMPATIBLE DIMMERS & CONTROL SYSTEMS	ENVIRONMENT	DIMENSIONS
	120/240VAC	DI-0941	N/A	12W	PWM Dimmers, On/Off Switches, DMX Systems, RGB Controllers	Indoor	3 x 1.57 x 1.25 in.
	120/240VAC	DI-0904	DI-0904-LPS	20W	PWM Dimmers, On/Off Switches, DMX Systems, RGB Controllers	Outdoor/Indoor	4.65 x 1.38 x 1.02 in.
	120/240VAC	DI-0939	N/A	25W	On/Off Switches	Indoor	3. x 2.01 x 1.1 in.
	120/240VAC	DI-0918	DI-0918-LPS	35W	PWM Dimmers, On/Off Switches, DMX Systems, RGB Controllers	Outdoor/Indoor	5.83 x 1.57 x 1.18 in.
	120/240VAC	DI-0906	DI-0906-LPS	60W	PWM Dimmers, On/Off Switches, DMX Systems, RGB Controllers	Outdoor/Indoor	6.4 x 1.67 x 1.26 in.
	120VAC	DI-CV-12V120W	N/A	120W	On/Off Switches	Outdoor/Indoor	7.5 x 2.5 x 1.5 in.
	120/240VAC	DI-0908	N/A	150W	On/Off Switches	Indoor	7.83 x 3.90 x 2.00 in.
	120/240VAC	DI-0909	N/A	200W	On/Off Switches	Indoor	7.83 x 3.90 x 2.00 in.
	120/240VAC	DI-0928	N/A	300W	PWM Dimmers, On/Off Switches, DMX Systems, RGB Controllers	Indoor	8.5 x 4.13 x 1.61 in.
	120/ 240/ 277VAC	DI-CV-MW12V 40W-277	DI-CV-MW12V 40W-277-LPS	40W	PWM Dimmers, On/Off Switches, DMX Systems, RGB Controllers	Outdoor/Indoor	5.9 x 2.1 x 1.5 in.
	120/ 240/ 277VAC	DI-DV- 12V60W-277	N/A	60W	PWM Dimmers, On/Off Switches, DMX Systems, RGB Controllers	Outdoor/Indoor	9.5 x 1.7 x 1.14 in.
	120/ 240/ 277VAC	DI-CV-MW12V 60W-277	DI-CV-MW12V 60W-277-LPS	60W	PWM Dimmers, On/Off Switches, DMX Systems, RGB Controllers	Outdoor/Indoor	5.9 x 2.1 x 1.4 in.

### Mounting Brackets



SKU	DESCRIPTION
DI-1733	Set of four brackets with hardware.

### COMPATIBLE ONLY WITH THESE DRIVERS:

DI-0908 150W	DI-0909 200W	DI-0928 300W
-----------------	-----------------	-----------------



# 24V Constant Voltage LED Drivers

Constant Voltage LED Drivers are a great choice when pairing with 120/240/277VAC on/off switches, low-voltage REIGN® Dimmers, PWM dimmers and RGB/DMX controls. These hard-wired drivers are available in various dimensions and voltage/wattage combinations for your LED application.

## FEATURES & BENEFITS

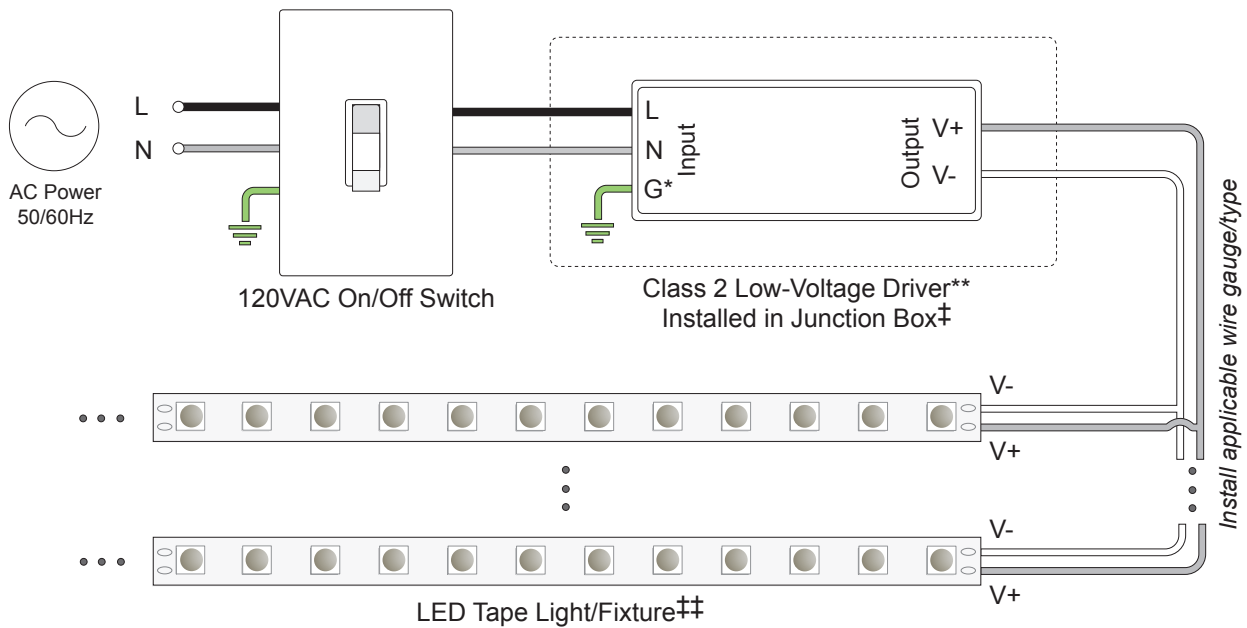
- Hard-wired connections
- Indoor and outdoor models
- Dimmable with PWM dimmers on select models
- Commercial and residential applications

## QUICK SPECS

<b>Environment</b>	Indoor & outdoor options
<b>Input Voltage</b>	120/240/277VAC options
<b>Output Voltage</b>	24VDC
<b>Connection Type</b>	Hard-wired
<b>Dimming</b>	See specifications
<b>Certification</b>	Component Recognized



**Basic Hard-Wired On/Off Diagram**



See page 156 for technical notes applicable to all system diagrams. Diagrams are subject to change.

# 24V Constant Voltage LED Driver Model Options

## LO-PRO® JUNCTION BOX & DRIVER COMBO

Place your order using the UL DRIVER OPTION in the table below for a fully certified (UL 2108) power supply with junction box. See page 126 for details.



**LO-PRO COMBO NOTE:** Junction box will change the dimensions and certification on the driver. See specification sheet for updated specifications.

### 24VDC Constant Voltage Drivers

VIEW FULL SPECIFICATION SHEETS AT [www.DiodeLED.com](http://www.DiodeLED.com)

PRODUCT IMAGE	INPUT	SKU (DRIVER ONLY)	UL DRIVER OPTION (DRIVER/J-BOX COMBO)	WATTAGE	COMPATIBLE DIMMERS & CONTROL SYSTEMS	ENVIRONMENT	DIMENSIONS
	120/240VAC	DI-0970	DI-0970-LPS	35W	PWM Dimmers, On/Off Switches, DMX Systems, RGB Controllers	Outdoor/Indoor	5.83 x 1.57 x 1.18 in.
	120VAC	DI-CV-24V150W	N/A	150W	PWM Dimmers, On/Off Switches, DMX Systems, RGB Controllers	Outdoor/Indoor	7.5 x 2.5 x 1.5 in.
	120/240VAC	DI-0957	N/A	200W	On/Off Switches	Indoor	9.77 x 4.14 x 2.50 in.
	120VAC	DI-CV-24V330W	N/A	330W	PWM Dimmers, On/Off Switches, DMX Systems, RGB Controllers	Indoor	7.83 x 3.90 x 2 in.
	120/ 240/ 277VAC	DI-DV-24V60W-277	N/A	60W	PWM Dimmers, On/Off Switches, DMX Systems, RGB Controllers	Outdoor/Indoor	9.5 x 1.7 x 1.14 in.
	120/ 240/ 277VAC	DI-CV-MW24V 60W-277	DI-CV-MW24V 60W-277-LPS	60W	PWM Dimmers, On/Off Switches, DMX Systems, RGB Controllers	Outdoor/Indoor	5.9 x 2.1 x 1.4 in.
	120/ 240/ 277VAC	DI-CV-MW24V 90W-277	DI-CV-MW24V 90W-277-LPL	90W	PWM Dimmers, On/Off Switches, DMX Systems, RGB Controllers	Outdoor/Indoor	6.75 x 2.5 x 1.5 in.
	120/ 240/ 277VAC	DI-0954	DI-0954-LPL	96W	PWM Dimmers, On/Off Switches, DMX Systems, RGB Controllers	Outdoor/Indoor	7.87 x 2.78 x 1.38 in.



### Mounting Brackets

SKU	DESCRIPTION
DI-1733	Set of four brackets with hardware.

### COMPATIBLE ONLY WITH THESE DRIVERS:

DI-0957  
150W

DI-CV-24V330W  
330W

# 12V DC Plug-In Adapters

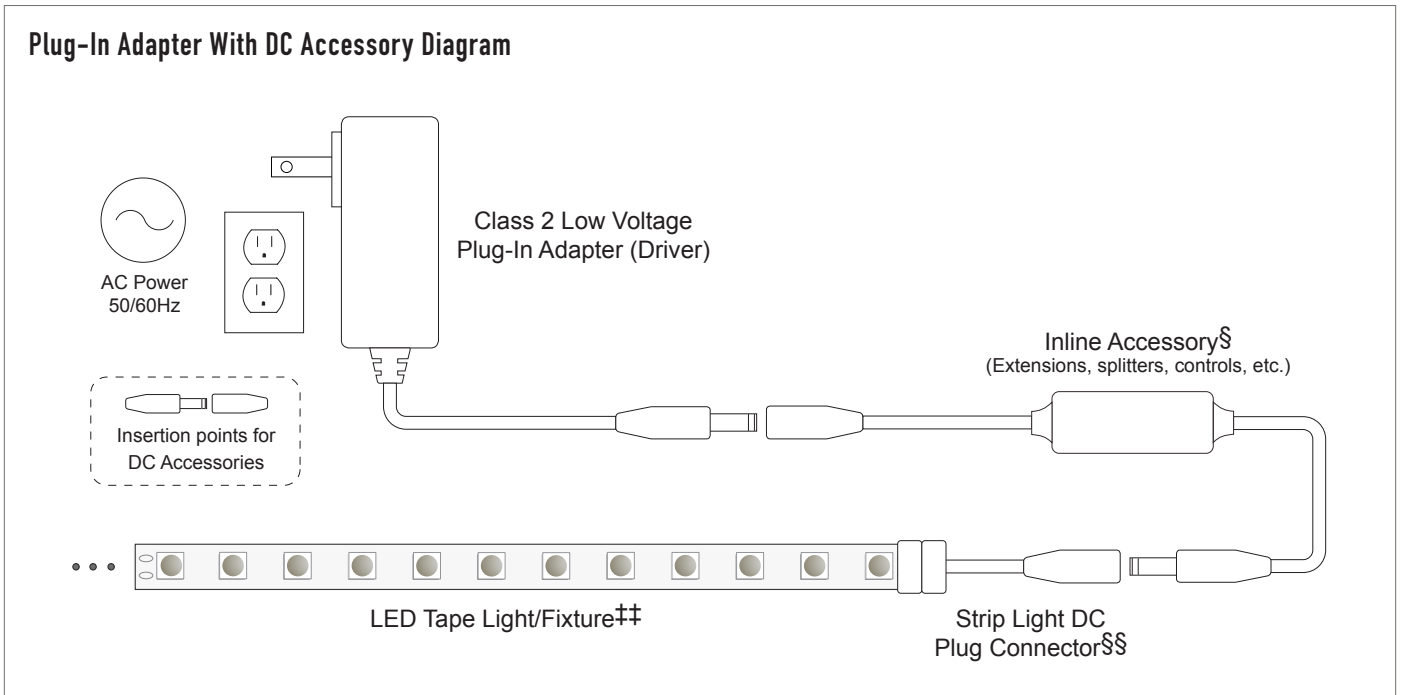
12V DC Plug-In Adapters convert AC voltage to low-voltage of LED light fixtures. An adapter is the right choice if you are installing just a few light fixtures or want to avoid making a permanent installation with a bigger, hard-wired power driver.

## FEATURES & BENEFITS

- Compatible with PWM Dimmers, DMX Systems and RGB Controllers
- Black or White finish
- UL Listed

## QUICK SPECS

<b>Environment</b>	Indoor
<b>Input Voltage</b>	120VAC
<b>Output Voltage</b>	12VDC
<b>Connection Type</b>	Plug-in / DC barrel plug
<b>Dimming</b>	Inline PWM dimmer
<b>Certification</b>	UL Listed



See page 156 for technical notes applicable to all system diagrams. Diagrams are subject to change.

# 12V DC Plug-In Adapter Model Options


## 12V DC Plug-In Adapters

[VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com](http://www.DiodeLED.com)

PRODUCT IMAGE	SKU	WATTAGE	CLASS 2 ADAPTER	OUTPUT	COLOR	DIMENSIONS
	DI-0936	6W	No	12VDC	Black	1.9 x 1.3 x 1.3 in.
	DI-PA-12V6W-CL2-B	6W	Yes	12VDC	Black	1.9 x 1.3 x 1.3 in.
	DI-PA-12V6W-CL2-W	6W	Yes	12VDC	White	1.9 x 1.3 x 1.3 in.
	DI-PA-12V12W-CL2-B	12W	Yes	12VDC	Black	2.35 x 1.75 x 1.4 in.
	DI-PA-12V12W-CL2-W	12W	Yes	12VDC	White	2.35 x 1.75 x 1.4 in.
	DI-PA-12V24W-CL2-B	24W	Yes	12VDC	Black	3.8 x 1.75 x 1.4 in.
	DI-PA-12V24W-CL2-W	24W	Yes	12VDC	White	3.8 x 1.75 x 1.4 in.
	DI-PA-12V36W-CL2-B	36W	Yes	12VDC	Black	3.8 x 1.75 x 1.4 in.
	DI-PA-12V36W-CL2-W	36W	Yes	12VDC	White	3.8 x 1.75 x 1.4 in.
	DI-PA-12V60W-CL2-B	60W	Yes	12VDC	Black	4.7 x 2 x 1.25 in.
	DI-PA-12V60W-CL2-W	60W	Yes	12VDC	White	4.7 x 2 x 1.25 in.
	DI-0913	60W	No	12VDC	White	4.7 x 2 x 1.25 in.

## 12V DC Commercial Grade Plug-In Adapters

[VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com](http://www.DiodeLED.com)

PRODUCT IMAGE	SKU	WATTAGE	CLASS 2 ADAPTER	OUTPUT	COLOR	DIMENSIONS
	DI-CV-12V60W-OWA	60W	Yes	12VDC	Charcoal	5.1 x 2.1 x 1.4 in.

# 24V DC Plug-In Adapters

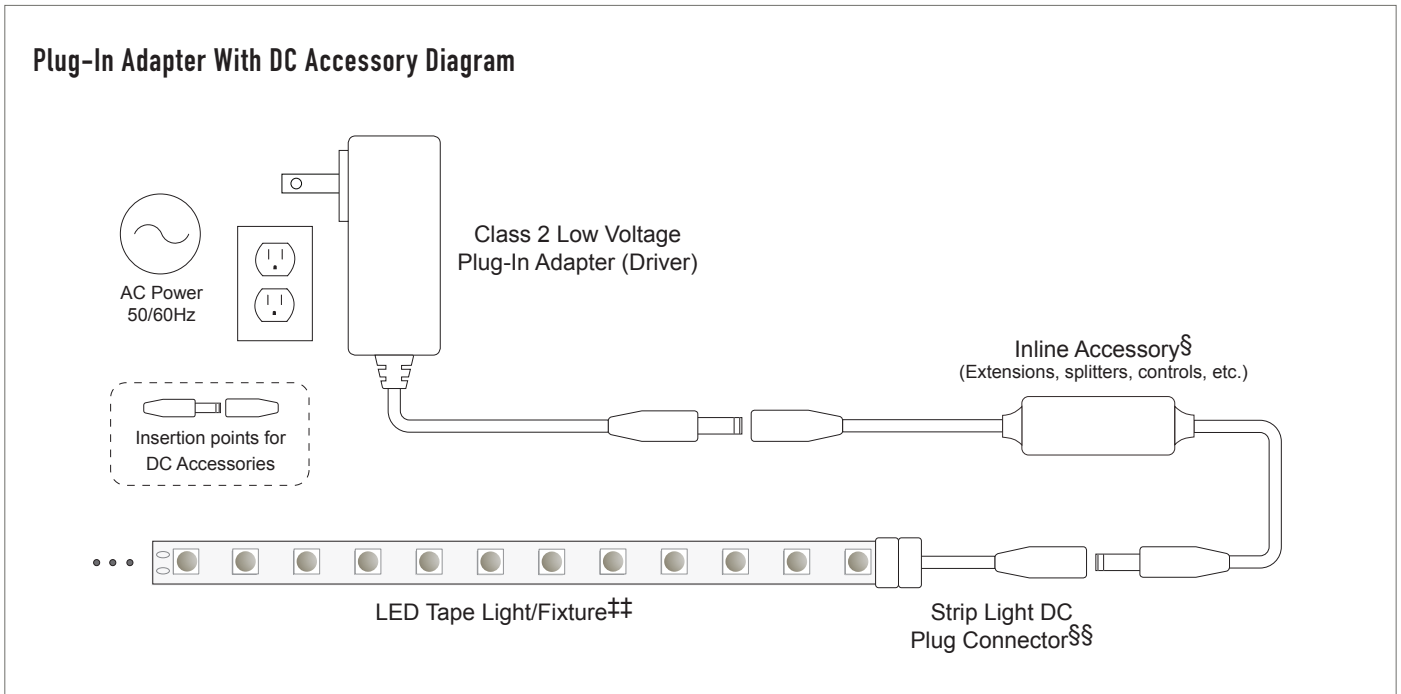
24V DC Plug-In Adapters convert AC voltage to low-voltage of LED light fixtures. An adapter is the right choice if you are installing just a few light fixtures or want to avoid making a permanent installation with a bigger, hard-wired power driver.

## FEATURES & BENEFITS

- Compatible with PWM Dimmers, DMX Systems and RGB Controllers
- Black or White finish
- UL Listed

## QUICK SPECS

<b>Environment</b>	Indoor
<b>Input Voltage</b>	120VAC
<b>Output Voltage</b>	24VDC
<b>Connection Type</b>	Plug-in / DC barrel plug
<b>Dimming</b>	Inline PWM dimmer
<b>Certification</b>	UL Listed



See page 156 for technical notes applicable to all system diagrams. Diagrams are subject to change.



## 24V DC Plug-In Adapter Model Options


### 24V DC Plug-In Adapters

[VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com](http://www.DiodeLED.com)

PRODUCT IMAGE	SKU	WATTAGE	CLASS 2 ADAPTER	OUTPUT	COLOR	DIMENSIONS
	DI-PA-24V12W-CL2-B	12W	Yes	24VDC	Black	1.9 x 1.3 x 1.3 in.
	DI-PA-24V12W-CL2-W	12W	Yes	24VDC	White	1.9 x 1.3 x 1.3 in.
	DI-PA-24V24W-CL2-B	24W	Yes	24VDC	Black	3.8 x 1.75 x 1.4 in.
	DI-PA-24V24W-CL2-W	24W	Yes	24VDC	White	3.8 x 1.75 x 1.4 in.
	DI-PA-24V48W-CL2-B	48W	Yes	24VDC	Black	3.8 x 1.75 x 1.4 in.
	DI-PA-24V48W-CL2-W	48W	Yes	24VDC	White	3.8 x 1.75 x 1.4 in.
	DI-PA-24V96W-CL2-B	96W	Yes	24VDC	Black	4.7 x 2 x 1.25 in.
	DI-PA-24V96W-CL2-W	96W	Yes	24VDC	White	4.7 x 2 x 1.25 in.

### 24V DC Commercial Grade Plug-In Adapters

[VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com](http://www.DiodeLED.com)

PRODUCT IMAGE	SKU	WATTAGE	CLASS 2 ADAPTER	OUTPUT	COLOR	DIMENSIONS
	DI-CV-24V60W-OWA	60W	Yes	24VDC	Charcoal	6.7 x 2.5 x 1.5 in.
	DI-CV-24V90W-OWA	90W	Yes			

# DRIVER DIAGRAM TECHNICAL NOTES

\* Driver may not require a fault ground connection. Refer to driver specifications for additional information.

\*\* Install a compatible Class 2 constant voltage driver. It is recommended to load the driver no more than 80% of its labeled rating for maximum longevity.

\*\*\* Install a Class 2 constant voltage driver compatible with a low-voltage PWM controller. It is recommended to load the driver no more than 80% of its labeled rating for maximum longevity.

\*\*\*\* Determine the number of low-voltage outputs of the driver when installing multiple PWM controllers/dimmer switches. No more than one PWM controller/dimmer switch can be attached to a single output of the driver.

† Install a compatible magnetic low-voltage dimmer switch. See dimmer switch manufacturer installation guide for complete wiring instructions.

†† Dimmable drivers require a compatible magnetic low-voltage dimmer switch to supply the driver and fixture with appropriate input voltage. Do not test or install directly connected to an AC power source or on/off switch. It is recommended to load the driver no more than 80% of its labeled rating for maximum longevity. See dimmer switch manufacturer specifications for

minimum load recommendations.

‡ Refer to driver or controller specifications for a compatible junction box.

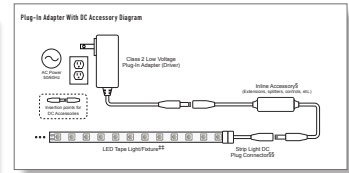
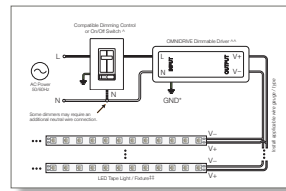
‡‡ See fixture specifications for maximum series run limits.

§ See inline accessories specifications for maximum amperage ratings.

§§ See fixture specifications for a compatible adapter cable.

^ Install a compatible dimming control or switch. See the Electronic Dimmable Driver / Dimmer Compatibility List for compatible dimming controls. See the dimming control manufacturer installation guide for complete wiring instructions.

^^ Load the driver at least 60% of the labeled load for proper dimming performance (required for dimmable installations only).







Affordable Lighting Center



## VALENT® & VALENT® HD

**TITLE  
24**

CAN BE USED TO COMPLY WITH  
TITLE 24 PART 6  
HIGH EFFICACY LED  
REQUIREMENTS  
JA8-2016-E





## NEW & IMPROVED Tape Light Portfolio from Diode LED Begins on page 16



## LINEAR LED COLOR CHANGING LIGHT Begins on page 30

# LEGACY LED LIGHTING

Diode LED is the premier manufacturer of tape and strip light, providing the highest-quality and largest selection of linear LED lighting solutions on the market today. Whether your project requires ambient, task or accent lighting, your environment is indoors or out, we have linear LED lighting solutions that deliver the appropriate brightness, color rendering and run length for your application. We have the perfect solution to illuminate your space.

**A BLAZE™ LED TAPE LIGHT**  
BLAZE is the number one selling tape light  
(Page 166)

**B FLUID VIEW® TAPE LIGHT**  
Perfect for ambient lighting and low illumination projects  
(Page 164)




























**C DOUBLE BLAZE™ LED TAPE LIGHT**  
DOUBLE BLAZE is the solution for projects that require maximum illumination  
(Page 166)

**D VALENT® & VALENT® HD**  
Quality light output that can comply with strict JA8 requirements  
(Page 172)



# Indoor LED Tape Light Product Comparison Chart

# AMBIENT LIGHTING

PRODUCT	INPUT VOLTAGE	CCT	CRI	LUMENS / FT.	POWER CONSUMPTION /FT	MAX RUN	PAGE
<b>FLUID VIEW® 12V LED Tape Light</b> Softest illumination tape light with the largest CCT selection.		 2000K	70	117	1.44W / ft.	37 ft.	164
		 2400K	81	105			
		 2700K	83	117			
		 2850K	82	125			
		 3000K	81	143			
		 3300K	81	151			
		 3500K	82	150			
		 3800K	82	144			
		 4200K	81	149			
		 4400K	82	130			
		 5000K	82	146			
		 6300K	81	141			
		 AMBER	N/A	69			
<b>FLUID VIEW® 24V LED Tape Light</b> The best CRI with the longest linear runs in the industry.		 2000K	92	87	1.44W / ft.	67 ft.	165
		 2400K	96	90			
		 2700K	93	99			
		 2850K	92	106			
		 3000K	94	104			
		 3300K	94	105			
		 3500K	93	106			
		 3800K	93	114			
		 4200K	92	114			
		 4400K	92	117			
		 5000K	93	116			
		 6300K	94	115			

**ENVIRONMENT NOTE:** Some of our indoor tape light is UL tested and certified for damp location installations. Please refer to the specification sheets for details on environmental ratings.



# Indoor LED Tape Light Product Comparison Chart

# HI-OUTPUT LIGHTING
















PRODUCT	INPUT VOLTAGE	CCT	CRI	LUMENS / FT.	POWER CONSUMPTION / FT	MAX RUN	PAGE
<b>BLAZE™ 12V LED Tape Light</b> The most popular tape light in the market for over a decade.	<b>12VDC</b>	 2400K	81	252	2.88W / ft.	27 ft.	166
		 2700K	83	293			
		 2850K	82	250			
		 3000K	81	286			
		 3300K	81	299			
		 3500K	82	280			
		 3800K	83	270			
		 4200K	82	304			
		 4400K	82	258			
		 5000K	83	317			
		 6300K	82	276			
		Blue	N/A	41			
		Green	N/A	205			
		Red	N/A	101			
<b>BLAZE™ 24V LED Tape Light</b> Large range of CCTs available in 90+ CRI.	<b>24VDC</b>	 2400K	95	179	2.88W / ft.	33 ft.	167
		 2700K	93	197			
		 2850K	92	209			
		 3000K	97	202			
		 3300K	94	207			
		 3500K	94	207			
		 3800K	94	224			
		 4200K	93	228			
		 4400K	92	230			
		 5000K	93	226			
		6300K	94	223			
<b>ULTRA BLAZE™ 12V LED Tape Light</b> High light output in a compact design.	<b>12VDC</b>	 2700K	81	347	4.32W / ft.	16.4 ft.	170
		 3000K	81	360			
		 6300K	84	406			
<b>ULTRA BLAZE™ 24V LED Tape Light</b> High light output in 20ft. runs.	<b>24VDC</b>	 2700K	81	368	4.32W / ft.	20 ft.	170
		 3000K	81	360			
		 6300K	84	406			
<b>DOUBLE BLAZE™ 12V LED Tape Light</b> Bright lighting for task and overhead.	<b>12VDC</b>	 2700K	83	517	5.75W / ft.	9.5 ft.	168
		 3000K	81	543			
		 3500K	83	530			
		 4200K	82	528			
		 5000K	81	579			
<b>DOUBLE BLAZE™ 24V LED Tape Light</b> Bright lighting for task and overhead in longer runs.	<b>24VDC</b>	 2700K	80+	500	5.75W / ft.	16.4 ft.	169
		 3000K	80+	500			
		 3500K	80+	510			
		 4200K	80+	520			
		 5000K	80+	525			

**ENVIRONMENT NOTE:** Some of our indoor tape light is UL tested and certified for damp location installations. Please refer to the specification sheets for details on environmental ratings.





# Indoor LED Tape Light Product Comparison Chart

# SPECIALTY LIGHTING

Use the chart below to compare the entire line of Diode LED strip light and find out what works best for you.

PRODUCT	INPUT VOLTAGE	CCT	CRI	LUMENS / FT.	POWER CONSUMPTION / FT	MAX RUN	PAGE
<b>AVENUE 24™</b> <b>24V LED Tape Light</b> 90+ CRI LED tape light 	24VDC	 2700K	92	162	2.09W / ft.	40 ft.	171
		 3000K	92	153			
		 3500K	92	153			
		 4200K	92	166			
		 5000K	92	168			
<b>VALENT®</b> <b>12V LED Tape Light</b> 90+ CRI LED tape light 	12VDC	 2500K	93	144	2.2W / ft.	16.4 ft.	172
		 2700K	92	150			
		 3000K	92	157			
		 3500K	95	170			
		 4200K	94	170			
		 5000K	93	177			
<b>VALENT® HD</b> <b>24V LED Tape Light</b> 90+ CRI LED tape light 	24VDC	 2500K	93	277	4.4W / ft.	16.4 ft.	172
		 2700K	93	297			
		 3000K	92	314			
		 3500K	93	320			
		 4200K	95	337			
		 5000K	95	331			
		 6300K	93	366			

## Wet Location LED Strip Light Product Comparison Chart

PRODUCT	INPUT VOLTAGE	CCT	CRI	LUMENS / FT.	POWER CONSUMPTION / FT	MAX RUN	PAGE
<b>FLUID VIEW®</b> <b>Wet Location</b> Featuring the turtle-safe AMBER color for applications near wildlife.	12VDC	 3000K	85	100	1.44W / ft.	16.4 ft.	174
		 AMBER	N/A	69			
<b>BLAZE™</b> <b>Wet Location</b> High output lighting for wet environments.	12VDC	 3000K	86	180	2.88W / ft.	16.4 ft.	175
		 6300K	86	190			

# TAPE LIGHT DRIVER FINDER

Use the **DRIVER FINDER** chart to find the best driver to meet your tape light run.

<b>DRIVER FINDER</b>		OMNIDRIVE	OMNIDRIVE	OMNIDRIVE	SWITCHEX 0-10V	OMNIDRIVE	SWITCHEX OMNIDRIVE 0-10V	OMNIDRIVE	SWITCHEX 0-10V
		10W	20W	30W	40W	45W	60W	80W	100W
<b>TAPE LIGHT MODEL</b>									
<b>FLUID VIEW 1.44W/FT</b>	12V	≤ 6 ft.	≤ 13 ft.	≤ 20 ft.	≤ 27 ft.	≤ 31 ft.	≤ 37 ft. Max		
	24V	≤ 6 ft.	≤ 13 ft.	≤ 20 ft.	≤ 27 ft.	≤ 31 ft.	≤ 41 ft.	≤ 55 ft.	≤ 67 ft. Max
<b>AVENUE 24 2.09W/FT</b>	-								
	24V	≤ 4 ft.	≤ 9 ft.	≤ 14 ft.	≤ 19 ft.	≤ 21 ft.	≤ 28 ft.	≤ 38 ft.	≤ 40 ft. Max
<b>VALENT 2.2W/FT</b>	12V	≤ 4 ft.	≤ 9 ft.	≤ 13 ft.	≤ 18 ft.	≤ 20 ft.	≤ 27 ft.		
	-								
<b>BLAZE 2.88W/FT</b>	12V	≤ 3 ft.	≤ 6 ft.	≤ 10 ft.	≤ 13 ft.	≤ 15 ft.	≤ 20 ft.	≤ 27 ft.	≤ 34 ft.
	24V	≤ 3 ft.	≤ 6 ft.	≤ 10 ft.	≤ 13 ft.	≤ 15 ft.	≤ 20 ft.	≤ 27 ft.	≤ 34 ft.
<b>ULTRA BLAZE 4.32W/FT</b>	12V	≤ 2 ft.	≤ 4 ft.	≤ 6 ft.	≤ 9 ft.	≤ 10 ft.	≤ 13 ft.	≤ 16.4 ft. Max	
	24V	≤ 2 ft.	≤ 4 ft.	≤ 6 ft.	≤ 9 ft.	≤ 10 ft.	≤ 13 ft.	≤ 18 ft.	≤ 20 ft. Max
<b>VALENT HD 4.4W/FT</b>	12V	≤ 2 ft.	≤ 4 ft.	≤ 6 ft.	≤ 9 ft.	≤ 10 ft.	≤ 13 ft.	≤ 16.4 ft. Max	
	-								
<b>DOUBLE BLAZE 5.75W/FT</b>	12V	≤ 1.5 ft.	≤ 3 ft.	≤ 5 ft.	≤ 6 ft.	≤ 7 ft.	≤ 9.5 ft. Max		
	24V	≤ 1.5 ft.	≤ 3 ft.	≤ 5 ft.	≤ 6 ft.	≤ 7 ft.	≤ 10 ft.	≤ 13 ft.	≤ 17 ft.

# FLUID VIEW® 12V LED Tape Light



ACTUAL SIZE



## FEATURES & BENEFITS

- Soft accent illumination
- Certified closet-safe
- Largest CCT selection

## QUICK SPECS

<b>Voltage</b>	12VDC
<b>Wattage</b>	1.44W / ft.
<b>Dimmable</b>	Yes
<b>Max. Run</b>	37 ft.
<b>Field Cuttable</b>	Every 2 in.
<b>Certification</b>	UL Listed 2108

Visit the product page on the website for specification sheets, install guides, IES files and photometric reports.



## ACCESSORIES FOR THIS PRODUCT ON PAGE 114

SKU	LENGTH	CCT	CRI	LUMENS / FT.
DI-12V-FV20-8016	16.4 ft. spool	2000K	80	117
DI-12V-FV20-80100	100 ft. spool	2000K	80	117
DI-12V-FV24-8016	16.4 ft. spool	2400K	81	105
DI-12V-FV24-80100	100 ft. spool	2400K	81	105
DI-12V-FV27-8016	16.4 ft. spool	2700K	83	117
DI-12V-FV27-80100	100 ft. spool	2700K	83	117
DI-12V-FV27-80400	400 ft. spool	2700K	83	117
DI-12V-FV28-8016	16.4 ft. spool	2850K	82	125
DI-12V-FV28-80100	100 ft. spool	2850K	82	125
DI-12V-FV30-8016	16.4 ft. spool	3000K	81	143
DI-12V-FV30-80100	100 ft. spool	3000K	81	143
DI-12V-FV30-80400	400 ft. spool	3000K	81	143
DI-12V-FV33-8016	16.4 ft. spool	3300K	81	151
DI-12V-FV33-80100	100 ft. spool	3300K	81	151
DI-12V-FV34-8016	16.4 ft. spool	3500K	82	150
DI-12V-FV35-80100	100 ft. spool	3500K	82	150
DI-12V-FV35-80400	400 ft. spool	3500K	82	150
DI-12V-FV38-8016	16.4 ft. spool	3800K	82	144
DI-12V-FV38-80100	100 ft. spool	3800K	82	144
DI-12V-FV42-8016	16.4 ft. spool	4200K	81	149
DI-12V-FV42-80100	100 ft. spool	4200K	81	149
DI-12V-FV44-8016	16.4 ft. spool	4400K	82	130
DI-12V-FV44-80100	100 ft. spool	4400K	82	130
DI-12V-FV50-8016	16.4 ft. spool	5000K	82	146
DI-12V-FV50-80100	100 ft. spool	5000K	82	146
DI-12V-FV63-8016	16.4 ft. spool	6300K	81	141
DI-12V-FV63-80100	100 ft. spool	6300K	81	141
DI-12V-FVAM-8016	16.4 ft. spool	AMBER	N/A	69
DI-12V-FVAM-80100	100 ft. spool	AMBER	N/A	69





# FLUID VIEW® 24V LED Tape Light



ACTUAL SIZE



## FEATURES & BENEFITS

- Industry leading 67 ft. of continuous linear light
- High CRI for superior color rendering
- Commercial-grade lighting


















## QUICK SPECS

<b>Voltage</b>	24VDC
<b>Wattage</b>	1.44W / ft.
<b>Dimmable</b>	Yes
<b>Max. Run</b>	67 ft.
<b>Field Cuttable</b>	Every 4 in.
<b>Certification</b>	UL Listed 2108

Visit the product page on the website for specification sheets, install guides, IES files and photometric reports.



## ACCESSORIES FOR THIS PRODUCT ON PAGE 114

SKU	LENGTH	CCT	CRI	LUMENS / FT.
DI-24V-FV20-9067	67 ft. spool	 2000K	92	87
DI-24V-FV20-90100	100 ft. spool	 2400K	96	90
DI-24V-FV24-9067	67 ft. spool	 2700K	93	99
DI-24V-FV24-90100	100 ft. spool	 2850K	92	106
DI-24V-FV27-9067	67 ft. spool	 3000K	94	104
DI-24V-FV27-90100	100 ft. spool	 3300K	94	105
DI-24V-FV27-90400	400 ft. spool	 3500K	93	106
DI-24V-FV28-9067	67 ft. spool	 3800K	93	114
DI-24V-FV28-90100	100 ft. spool	 4200K	92	114
DI-24V-FV30-9067	67 ft. spool	 4400K	92	117
DI-24V-FV30-90100	100 ft. spool	 5000K	93	116
DI-24V-FV30-90400	400 ft. spool	 6300K	94	115
DI-24V-FV33-9067	67 ft. spool	 4200K	92	114
DI-24V-FV33-90100	100 ft. spool	 4400K	92	117
DI-24V-FV35-9067	67 ft. spool	 5000K	93	116
DI-24V-FV35-90100	100 ft. spool	 6300K	94	115
DI-24V-FV35-90400	400 ft. spool	 4200K	92	114
DI-24V-FV38-9067	67 ft. spool	4400K	92	117
DI-24V-FV38-90100	100 ft. spool	5000K	93	116
DI-24V-FV42-9067	67 ft. spool	6300K	94	115
DI-24V-FV42-90100	100 ft. spool	4200K	92	114
DI-24V-FV44-9067	67 ft. spool	4400K	92	117
DI-24V-FV44-90100	100 ft. spool	5000K	93	116
DI-24V-FV50-9067	67 ft. spool	6300K	94	115
DI-24V-FV50-90100	100 ft. spool	4200K	92	114
DI-24V-FV63-9067	67 ft. spool	4400K	92	117
DI-24V-FV63-90100	100 ft. spool	5000K	93	116



# BLAZE™ 12V LED Tape Light

ACTUAL SIZE



## FEATURES & BENEFITS

- Our most popular tape light
- Certified closet-safe
- Wide CCT selection

## QUICK SPECS

<b>Voltage</b>	12VDC
<b>Wattage</b>	2.88W / ft.
<b>Dimmable</b>	Yes
<b>Max. Run</b>	27 ft.
<b>Field Cuttable</b>	Every 1 in.
<b>Certification</b>	UL Listed 2108

Visit the product page on the website for specification sheets, install guides, IES files and photometric reports.



## ACCESSORIES FOR THIS PRODUCT ON PAGE 114

SKU	LENGTH	CCT	CRI	LUMENS / FT.
DI-12V-BL24-8016	16.4 ft. spool	2400K	81	252
DI-12V-BL24-80100	100 ft. spool			
DI-12V-BL27-8016	16.4 ft. spool	2700K	83	293
DI-12V-BL27-80100	100 ft. spool			
DI-12V-BL27-80400	400 ft. spool			
DI-12V-BL28-8016	16.4 ft. spool	2850K	82	250
DI-12V-BL28-80100	100 ft. spool			
DI-12V-BL30-8016	16.4 ft. spool	3000K	81	286
DI-12V-BL30-80100	100 ft. spool			
DI-12V-BL30-80400	400 ft. spool			
DI-12V-BL33-8016	16.4 ft. spool	3300K	81	299
DI-12V-BL33-80100	100 ft. spool			
DI-12V-BL35-8016	16.4 ft. spool	3500K	82	280
DI-12V-BL35-80100	100 ft. spool			
DI-12V-BL35-80400	400 ft. spool			
DI-12V-BL38-8016	16.4 ft. spool	3800K	83	270
DI-12V-BL38-80100	100 ft. spool			
DI-12V-BL42-8016	16.4 ft. spool	4200K	82	304
DI-12V-BL42-80100	100 ft. spool			
DI-12V-BL44-8016	16.4 ft. spool	4400K	82	258
DI-12V-BL44-80100	100 ft. spool			
DI-12V-BL50-8016	16.4 ft. spool	5000K	83	317
DI-12V-BL50-80100	100 ft. spool			
DI-12V-BL63-8016	16.4 ft. spool	6300K	82	276
DI-12V-BL63-80100	100 ft. spool			
DI-12V-0142	16.4 ft. spool	Blue	N/A	41
DI-12V-BLBL-0100	100 ft. spool			
DI-12V-0141	16.4 ft. spool	Green	N/A	205
DI-12V-BLGN-0100	100 ft. spool			
DI-12V-0140	16.4 ft. spool	Red	N/A	101
DI-12V-BLRD-0100	100 ft. spool			



# BLAZE™ 24V LED Tape Light



## FEATURES & BENEFITS

- Up to 33 ft. of continuous linear light
- 90+ CRI for true-to-life color rendering
- Bright for task and work spaces

## QUICK SPECS

<b>Voltage</b>	24VDC
<b>Wattage</b>	2.88 W / ft.
<b>Dimmable</b>	Yes
<b>Max. Run</b>	33 ft.
<b>Field Cuttable</b>	Every 2 in.
<b>Certification</b>	UL Listed 2108

Visit the product page on the website for specification sheets, install guides, IES files and photometric reports.



ACTUAL SIZE

## ACCESSORIES FOR THIS PRODUCT ON PAGE 114

SKU	LENGTH	CCT	CRI	LUMENS / FT.
DI-24V-BL24-9033	33 ft. spool	2400K	95	179
DI-24V-BL24-90100	100 ft. spool	2700K	93	197
DI-24V-BL27-9033	33 ft. spool	2850K	92	209
DI-24V-BL27-90100	100 ft. spool	3000K	97	202
DI-24V-BL27-90400	400 ft. spool	3300K	94	207
DI-24V-BL28-9033	33 ft. spool	3500K	94	207
DI-24V-BL28-90100	100 ft. spool	3800K	94	224
DI-24V-BL28-90100	100 ft. spool	4200K	93	228
DI-24V-BL30-9033	33 ft. spool	4400K	92	230
DI-24V-BL30-90100	100 ft. spool	5000K	93	226
DI-24V-BL30-90400	400 ft. spool	6300K	94	223
DI-24V-BL33-9033	33 ft. spool			
DI-24V-BL33-90100	100 ft. spool			
DI-24V-BL35-9033	33 ft. spool			
DI-24V-BL35-90100	100 ft. spool			
DI-24V-BL35-90400	400 ft. spool			
DI-24V-BL38-9033	33 ft. spool			
DI-24V-BL38-90100	100 ft. spool			
DI-24V-BL42-9033	33 ft. spool			
DI-24V-BL42-90100	100 ft. spool			
DI-24V-BL44-9033	33 ft. spool			
DI-24V-BL44-90100	100 ft. spool			
DI-24V-BL50-9033	33 ft. spool			
DI-24V-BL50-90100	100 ft. spool			
DI-24V-BL63-9033	33 ft. spool			
DI-24V-BL63-90100	100 ft. spool			





# DOUBLE BLAZE™ 12V LED Tape Light

ACTUAL SIZE



## FEATURES & BENEFITS

- Highest efficacy tape light offering
- Commercial-grade illumination
- Overhead-ready when paired with CHROMAPATH®

## QUICK SPECS

<b>Voltage</b>	12VDC
<b>Wattage</b>	5.75W / ft.
<b>Dimmable</b>	Yes
<b>Max. Run</b>	9.5 ft.
<b>Field Cuttable</b>	Every 1 in.
<b>Certification</b>	UL Listed 2108

Visit the product page on the website for specification sheets, install guides, IES files and photometric reports.



SKU	LENGTH	CCT	CRI	LUMENS / FT.
DI-12V-DB27-8009	9.5 ft. spool	2700K	83	517
DI-12V-DB27-80100	100 ft. spool	2700K	83	517
DI-12V-DB30-8009	9.5 ft. spool	3000K	81	543
DI-12V-DB30-80100	100 ft. spool	3000K	81	543
DI-12V-DB35-8009	9.5 ft. spool	3500K	83	530
DI-12V-DB35-80100	100 ft. spool	3500K	83	530
DI-12V-DB42-8009	9.5 ft. spool	4200K	82	528
DI-12V-DB42-80100	100 ft. spool	4200K	82	528
DI-12V-DB50-8009	9.5 ft. spool	5000K	81	579
DI-12V-DB50-80100	100 ft. spool	5000K	81	579

## DOUBLE BLAZE™ Tape Light Accessories

PRODUCT IMAGE	SKU	DESCRIPTION
	DI-DBS-5	Splice Connector - 3 in. - 5-Pack
	DI-DBD-5	DC Plug Connector - 5.4 in. - 5-Pack
	DI-DBX-5	Bending Extension - 3 in. - 5-Pack
	DI-DBL-5	Tape Link Connector - 5-Pack



# DOUBLE BLAZE™ 24V LED Tape Light



## FEATURES & BENEFITS

- Highest efficacy tape light offering
- Commercial-grade illumination
- Overhead-ready when paired with CHROMAPATH®

## QUICK SPECS

<b>Voltage</b>	24VDC
<b>Wattage</b>	5.75W / ft.
<b>Dimmable</b>	Yes
<b>Max. Run</b>	16.4 ft.
<b>Field Cuttable</b>	Every 2 in.
<b>Certification</b>	UL Listed 2108

Visit the product page on the website for specification sheets, install guides, IES files and photometric reports.



SKU	LENGTH	CCT	CRI	LUMENS / FT.
DI-24V-DB27-016	16.4 ft. spool	2700K	80+	500
DI-24V-DB27-100	100 ft. spool	2700K	80+	500
DI-24V-DB30-016	16.4 ft. spool	3000K	80+	500
DI-24V-DB30-100	100 ft. spool	3000K	80+	500
DI-24V-DB35-016	16.4 ft. spool	3500K	80+	510
DI-24V-DB35-100	100 ft. spool	3500K	80+	510
DI-24V-DB42-016	16.4 ft. spool	4200K	80+	520
DI-24V-DB42-100	100 ft. spool	4200K	80+	520
DI-24V-DB50-016	16.4 ft. spool	5000K	80+	525
DI-24V-DB50-100	100 ft. spool	5000K	80+	525

## DOUBLE BLAZE™ Tape Light Accessories

PRODUCT IMAGE	SKU	DESCRIPTION
	DI-DBS-5	Splice Connector - 3 in. - 5-Pack
	DI-DBD-5	DC Plug Connector - 5.4 in. - 5-Pack
	DI-DBX-5	Bending Extension - 3 in. - 5-Pack
	DI-DBL-5	Tape Link Connector - 5-Pack



ACTUAL SIZE





# ULTRA BLAZE™ LED Tape Light

ACTUAL SIZE



## FEATURES & BENEFITS

- High output with low profile
- Commercial-grade illumination
- 24V model features extended run length

## QUICK SPECS

<b>Voltage</b>	12VDC & 24VDC
<b>Wattage</b>	4.32W / ft.
<b>Dimmable</b>	Yes
<b>Max. Run</b>	16.4 ft. (12V)   20 ft. (24V)
<b>Field Cuttable</b>	2 in. (12V)   4 in. (24V)
<b>Certification</b>	UL Listed 2108

Visit the product page on the website for specification sheets, install guides, IES files and photometric reports.



## ACCESSORIES FOR THESE PRODUCTS ON PAGE 115

### 12V ULTRA BLAZE



Only 12VDC version of ULTRA BLAZE UL Rated for closet use.

SKU	LENGTH	INPUT VOLTAGE	CCT	CRI	LUMENS / FT.
DI-12V-UB27-8016	16.4 ft. spool	12VDC	2700K	81	347
DI-12V-UB27-80100	100 ft. spool		81	347	
DI-12V-UB30-8016	16.4 ft. spool	12VDC	3000K	81	360
DI-12V-UB30-80100	100 ft. spool		81	360	
DI-12V-UB63-8016	16.4 ft. spool	12VDC	6300K	84	406
DI-12V-UB63-80100	100 ft. spool		84	406	

### 24V ULTRA BLAZE

SKU	LENGTH	INPUT VOLTAGE	CCT	CRI	LUMENS / FT.
DI-24V-UB27-8020	20 ft. spool	24VDC	2700K	81	368
DI-24V-UB27-80100	100 ft. spool		81	368	
DI-24V-UB30-8020	20 ft. spool	24VDC	3000K	82	362
DI-24V-UB30-80100	100 ft. spool		82	362	
DI-24V-UB35-8020	20 ft. spool	24VDC	3500K	83	380*
DI-24V-UB35-80100	100 ft. spool		83	380*	
DI-24V-UB42-8020	20 ft. spool	24VDC	4200K	83	380*
DI-24V-UB42-80100	100 ft. spool		83	380*	
DI-24V-UB63-8020	20 ft. spool	24VDC	6300K	84	415
DI-24V-UB63-80100	100 ft. spool		84	415	

\*Preliminary data; check specification sheet for up to date photometric data.



# AVENUE 24™ Premium 24V LED Tape Light

ACTUAL SIZE



## FEATURES & BENEFITS

- Up to 40 ft. run lengths
- 90+ CRI: Superior color rendering
- Architectural-grade lighting applications

## QUICK SPECS

<b>Voltage</b>	24VDC
<b>Wattage</b>	2.09W / ft.
<b>Dimmable</b>	Yes
<b>Max. Run</b>	40 ft.
<b>Field Cuttable</b>	Every 4 in.
<b>Certification</b>	UL Listed 2108

Visit the product page on the website for specification sheets, install guides, IES files and photometric reports.



## ACCESSORIES FOR THESE PRODUCTS ON PAGE 115

SKU	LENGTH	CCT	CRI	LUMENS / FT.
DI-24V-AV27-9040	40 ft. spool	2700K	95	134
DI-24V-AV30-9040	40 ft. spool	3000K	90	141
DI-24V-AV35-9040	40 ft. spool	3500K	91	182
DI-24V-AV42-9040	40 ft. spool	4200K	92	167
DI-24V-AV50-9040	40 ft. spool	5000K	90	176

**TITLE 24** CAN BE USED TO COMPLY WITH TITLE 24 PART 6 HIGH EFFICACY LED REQUIREMENTS JA8-2016-E

## CAN BE USED TO COMPLY WITH JA8 HIGH EFFICACY LED LIGHTING UNDER 2016 TITLE 24, PART 6

For a full list of Diode LED products visit the **CALIFORNIA ENERGY COMMISSION DATABASE**  
<https://cacertappliances.energy.ca.gov/Pages/ApplianceSearch.aspx>  
 (search for 'DIODE LED' under the 'COMPANY' tab)



# VALENT® Premium 12V LED Tape Light

ACTUAL SIZE



BRILLIANT COLOR RENDERING FOR COMMERCIAL & DISPLAY

## FEATURES & BENEFITS

- Engineered for optimal true-to-life color rendering
- 90+ CRI: Superior color rendering
- Two light output options for any application

## QUICK SPECS

<b>Voltage</b>	12VDC
<b>Wattage</b>	(V) 2.2W / ft.   (VHD) 4.4W / ft.
<b>Dimmable</b>	Yes
<b>Max. Run</b>	16.4 ft.
<b>Field Cuttable</b>	(V) 2 in.   (VHD) 4 in.
<b>Certification</b>	UL Listed 2108

Visit the product page on the website for specification sheets, install guides, IES files and photometric reports.



## ACCESSORIES FOR THESE PRODUCTS ON PAGE 115

### VALENT

SKU	LENGTH	TYPE	CCT	LUMENS / FT.
DI-12V-1VA25-9016	16.4 ft. spool	VALENT	2500K	144
DI-12V-1VA25-90100	100 ft. spool	VALENT	2500K	144
DI-12V-1VA27-9016	16.4 ft. spool	VALENT	2700K	150
DI-12V-1VA27-90100	100 ft. spool	VALENT	2700K	150
DI-12V-1VA30-9016	16.4 ft. spool	VALENT	3000K	157
DI-12V-1VA30-90100	100 ft. spool	VALENT	3000K	157
DI-12V-1VA42-9016	16.4 ft. spool	VALENT	4200K	170
DI-12V-1VA42-90100	100 ft. spool	VALENT	4200K	170
DI-12V-1VA50-9016	16.4 ft. spool	VALENT	5000K	170
DI-12V-1VA50-90100	100 ft. spool	VALENT	5000K	170
DI-12V-1VA63-9016	16.4 ft. spool	VALENT	6300K	177
DI-12V-1VA63-90100	100 ft. spool	VALENT	6300K	177

### VALENT High Density

SKU	LENGTH	TYPE	CCT	LUMENS / FT.
DI-12V-2VA25-9016	16.4 ft. spool	VALENT HD	2500K	277
DI-12V-2VA25-90100	100 ft. spool	VALENT HD	2500K	277
DI-12V-2VA27-9016	16.4 ft. spool	VALENT HD	2700K	297
DI-12V-2VA27-90100	100 ft. spool	VALENT HD	2700K	297
DI-12V-2VA30-9016	16.4 ft. spool	VALENT HD	3000K	314
DI-12V-2VA30-90100	100 ft. spool	VALENT HD	3000K	314
DI-12V-2VA35-9016	16.4 ft. spool	VALENT HD	3500K	320
DI-12V-2VA35-90100	100 ft. spool	VALENT HD	3500K	320
DI-12V-2VA42-9016	16.4 ft. spool	VALENT HD	4200K	337
DI-12V-2VA42-90100	100 ft. spool	VALENT HD	4200K	337
DI-12V-2VA50-9016	16.4 ft. spool	VALENT HD	5000K	331
DI-12V-2VA50-90100	100 ft. spool	VALENT HD	5000K	331
DI-12V-2VA63-9016	16.4 ft. spool	VALENT HD	6300K	366
DI-12V-2VA63-90100	100 ft. spool	VALENT HD	6300K	366







ACTUAL SIZE

# FLUID VIEW® 12V Wet Location LED Strip Light



## FEATURES & BENEFITS

- Protected from wet environments
- Excellent color rendering
- Only wild life certified strip light (Amber)

<b>Voltage</b>	12VDC
<b>Wattage</b>	1.44W / ft.
<b>Dimmable</b>	Yes
<b>Max. Run</b>	16.4 ft.
<b>Field Cuttable</b>	Every 2 in.
<b>Certification</b>	UL Listed 2108

Visit the product page on the website for specification sheets, install guides, IES files and photometric reports.



## ACCESSORIES FOR THIS PRODUCT ON PAGE 118

SKU	LENGTH	CCT	CRI	LUMENS / FT.
DI-12V-FV30-W8016	16.4 ft. spool	3000K	85	100
DI-12V-FVAM-W8016	16.4 ft. spool	AMBER	N/A	69



## FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION CERTIFIED LIGHTING PRODUCTS

Amber holds this esteemed certification and demonstrates how Diode LED products play a helpful role in the environment. Lighting is mounted close to the surface and produces low lumens with long wavelengths (560nm or longer) to protect animals in their natural environment.





# BLAZE™ 12V Wet Location LED Strip Light

ACTUAL SIZE



## FEATURES & BENEFITS



- Protected from wet environments
- Excellent color rendering
- High output brightness

<b>Voltage</b>	12VDC
<b>Wattage</b>	2.88W / ft.
<b>Dimmable</b>	Yes
<b>Max. Run</b>	16.4 ft.
<b>Field Cuttable</b>	Every 1 in.
<b>Certification</b>	UL Listed 2108

Visit the product page on the website for specification sheets, install guides, IES files and photometric reports.



### ACCESSORIES FOR THIS PRODUCT ON PAGE 118

SKU	LENGTH	CCT	CRI	LUMENS / FT.
DI-12V-BL30-W8016	16.4 ft. spool	 3000K	86	180
DI-12V-BL63-W8016	16.4 ft. spool	 6300K	86	190

## TAILORED LED STRIP LIGHT FOR WET ENVIRONMENTS

Diode LED's tailored assembly program includes Wet Location LED Strip Light for specified lengths in environments exposed to moisture.

Our team of highly skilled technicians will assemble your Wet Location Strip Light to the lengths you specify complete with leads and connections. Don't let labor, time and e-waste costs slow your project down.

Contact our Customer Service Team or visit [www.DiodeLED.com](http://www.DiodeLED.com) for more details.

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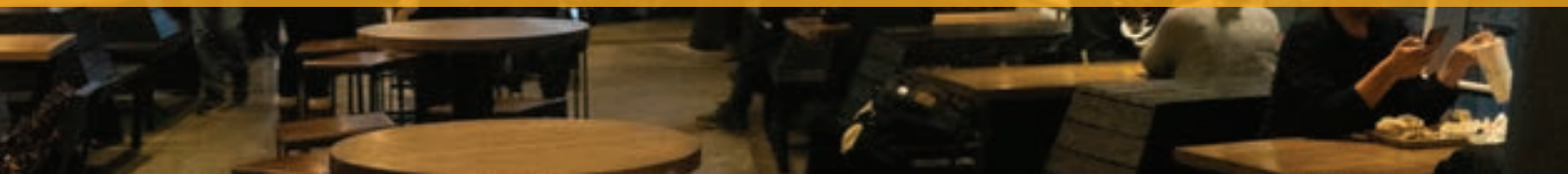
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# NEON BLAZE™

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