



LED LIGHTING SOLUTIONS





We are America's leading manufacturer of low-voltage linear lighting solutions.

Diode LED products are preferred by lighting designers, architects, product specifiers, electricians, and general contractors. Our primary focus is to provide superior linear LED products and comprehensive, end-to-end support to tens of thousands of customers annually.

FIND AN AUTHORIZED DISTRIBUTOR

If you don't already have a source for Diode LED products, give us a call at 877.817.6028 and we will connect you with a knowledgeable distributor.

MADE IN USA

- AlphaTECH® X page 56
- Light Guide Panels page 70
- GRAZE X™ page 62

ASSEMBLED IN USA

- NEON BLAZE™ page 58
- INFILINE® page 32
- Factory Assembled Tape Light
- Factory Assembled Fixtures
- Driver Junction Box Combos

CERTIFICATIONS & COMPLIANCE

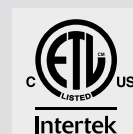
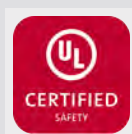


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Visit us online to get access to everything we have available for your linear lighting needs.

www.DiodeLED.com

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LINEAR LIGHT SOLUTIONS

It's never been easier to bring great lighting into your projects.

Diode LED has a perfect linear light solution for every project. With ever-better light quality, efficiency, and ease of installation, our products are designed to make selection effortless and installation simple. Whether you need an everyday light or the very best in light performance, Diode LED has quality options at accessible price points.

Across the product range, Diode LED tape lights have many advantages:

- 1. Flexibility:** Diode LED tape light is highly flexible and can be field-cut to size in increments as small as 1". This makes it a versatile lighting solution for a wide range of applications, such as under-cabinet lighting, accent lighting, task lighting, and even general illumination.
- 2. Energy efficiency:** Diode LED tape light is highly energy efficient, using a fraction of the energy required by traditional incandescent lights, and lasting much longer.
- 3. Low heat:** Advanced engineering results in very little heat, making Diode LED products safe and efficient.
- 4. Easy installation:** Diode LED tape light is easy to install, with strong adhesive and robust connection options. They can be powered by a variety of LED drivers in order to connect to any type of dimmer, switch, or control system.
- 5. Variety of colors:** Beyond warm white and cool white, Diode LED offers every color temperature (CCT) from 2000K to 6300K, as well as Tunable White, Warm Dim, RGB and RGBW for color-changing effects, and more.
- 6. Cost-effectiveness:** Diode LED tape lights are affordable, durable, and long-lasting.



A

High Performance



B

Advantage



C

Everyday Dotless



D

Everyday

High Performance: VALENT® X

Voltage	24V
CRI	95+
LED Spacing	Tight-Pitch
Color Rendering	Highest
Warranty	12-Year Limited
Lumens/ft.	100+, 200+, 300+, 500+, 800+

See Image A: Architectural Accent Application



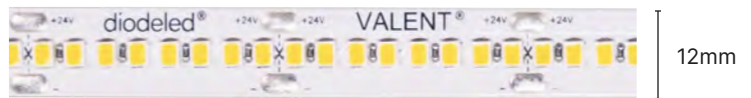
RECOMMENDED ACCESSORIES

- OMNIDRIVE® X Dimmable Driver
- SLIM Channel Profile
- 12mm Terminal Block Connector

Advantage: VALENT®

Voltage	24V
CRI	90+
LED Spacing	Tight-Pitch
Color Rendering	High
Warranty	7-Year Limited
Lumens/ft.	200+, 300+, 500+

See Image B: Commercial Bar Application



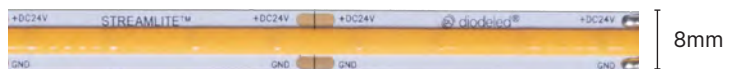
RECOMMENDED ACCESSORIES

- OMNIDRIVE® X Dimmable Driver
- SLIM Channel Profile
- 12mm Terminal Block Connector

Everyday Dotless: STREAMLITE™

Voltage	24V
CRI	90+
LED Spacing	Continuous-Pitch
Color Rendering	Standard
Warranty	7-Year Limited
Lumens/ft.	200+, 300, 400+

See Image C: Residential Stairs



RECOMMENDED ACCESSORIES

- OMNIDRIVE® X Dimmable Driver
- S1 Channel Profile
- 8mm Terminal Block Connector

Everyday: BLAZE™

Voltage	12V / 24V
CRI	90+
LED Spacing	Standard-Pitch
Color Rendering	Standard
Warranty	7-Year Limited
Lumens/ft.	100+, 200+, 300+

See Image D: Residential Kitchen Application



RECOMMENDED ACCESSORIES

- Magnetic Dimmable Driver
- S1 Channel Profile
- 8mm Terminal Block Connector

LED TAPE LIGHT COMPARISON CHARTS

VALENT® X

Precision-engineered, high density tape light for demanding, performance driven applications. Up to 800+ lumens per foot. 12-Year Limited Warranty.



CRI	95+
Warranty	12-Year Limited Warranty
LED Spacing	Tight-Pitch

VALENT® X Wet Location

Precision-engineered, high density tape light for wet locations (IP65). Up to 500+ lumens per foot. 12-Year Limited Warranty.



CRI	95+
Warranty	12-Year Limited Warranty
LED Spacing	Tight-Pitch

CCT OPTIONS	2400K	2700K	3000K	3500K
	4000K	5000K	6300K	
100 LUMEN RANGE	24VDC			
	Max. Run: 80 ft. Cut Points: 1.32 in. Wattage: 1.0 W/ft.			
	24VDC			
	200 LUMEN RANGE			
	Max. Run: 53 ft. Cut Points: 1.32 in. Wattage: 1.9 W/ft.			
24VDC				
300 LUMEN RANGE				
Max. Run: 41 ft. Cut Points: 1.32 in. Wattage: 2.8 W/ft.				
24VDC				
500 LUMEN RANGE				
Max. Run: 30 ft. Cut Points: 1.32 in. Wattage: 4.6 W/ft.				
24VDC				
800 LUMEN RANGE				
Max. Run: 19 ft. Cut Points: 1.32 in. Wattage: 7.2 W/ft.				

CCT OPTIONS	2400K	2700K	3000K	3500K
	24VDC			
500 LUMEN RANGE				
Max. Run: 30 ft. Cut Points: 1.32 in. Wattage: 4.6 W/ft.				

For more information on VALENT® X Wet Location, see page 17.

For more information on VALENT® X, see page 16.

LED TAPE LIGHT // Comparison Charts

Preview Diode LED's comprehensive selection of LED tape lights and compare them with ease across product families.

VALENT®

Versatile, high density tape light for most applications. Full diffusion and dotless light when paired with channels. 7-Year Limited Warranty.



CRI	90+
Warranty	7-Year Limited Warranty
LED Spacing	Tight-Pitch

CCT OPTIONS	 2700K 3000K 3500K 4000K			
	LUMEN RANGE	24VDC		
200 Max. Run: 55 ft. Cut Points: 1.32 in. Wattage: 1.72 W/ft.				
24VDC				
LUMEN RANGE	300 Max. Run: 42 ft. Cut Points: 1.32 in. Wattage: 2.55 W/ft.			
	24VDC			
LUMEN RANGE	500 Max. Run: 29 ft. Cut Points: 1.32 in. Wattage: 4.28 W/ft.			

For more information on VALENT®, see page 18.

VALENT® Wet Location

Versatile, high density tape light for most applications. Full diffusion and dotless light when paired with channels. Suitable for wet locations (IP65). 7-Year Limited Warranty.



CRI	90+
Warranty	7-Year Limited Warranty
LED Spacing	Tight-Pitch

CCT OPTIONS	 2400K 2700K 3000K 3500K			
	LUMEN RANGE	24VDC		
200 Max. Run: 55 ft. Cut Points: 1.32 in. Wattage: 1.72 W/ft.				
24VDC				
LUMEN RANGE	500 Max. Run: 29 ft. Cut Points: 1.32 in. Wattage: 4.28 W/ft.			
	24VDC			

For more information on VALENT® Wet Location, see page 19.

LED TAPE LIGHT COMPARISON CHARTS

VALENT® RGBW

Bright, saturated RGBW tape light for high performance color changing applications. Capable of billions of color combinations, plus pure 3000K white light. 7-Year Limited Warranty.



CRI	90+ (3000K)
Warranty	7-Year Limited Warranty
LED Spacing	Medium-Pitch

VALENT® RGBW Wet Location

Bright, saturated RGBW tape light for high performance color changing applications. Capable of billions of color combinations, plus pure 3000K white light. Suitable for wet locations (IP65). 7-Year Limited Warranty.



CRI	RGB (W - 3000K 90+)
Warranty	7-Year Limited Warranty
LED Spacing	Medium-Pitch

CCT OPTIONS	Red	Green	Blue	3000K
	RGBW (W=3000K)			
STANDARD LUMEN RANGE	24VDC			
	Max. Run: 16.4 ft. Cut Points: 2 in. Wattage: 6.1 W/ft.			

For more information on VALENT® RGBW, see page 20.

CCT OPTIONS	Red	Green	Blue	3000K
	RGBW (W=3000K)			
STANDARD LUMEN RANGE	24VDC			
	Max. Run: 16.4 ft. Cut Points: 2 in. Wattage: 6.1 W/ft.			

For more information on VALENT® RGBW Wet Location, see page 21.

LED TAPE LIGHT // Comparison Charts

Preview Diode LED's comprehensive selection of LED tape lights and compare them with ease across product families.

VALENT® Warm Dim

High density tape light that glows warmer as it dims. Convincingly replicate the warm, familiar glow of incandescent light with the simplicity of a two-wire LED tape light installation. 7-Year Limited Warranty.



CRI	90+
Warranty	7-Year Limited Warranty
LED Spacing	Medium-Pitch

VALENT® Warm Dim Wet Location

For outdoor or wet locations, this tape light convincingly replicates the warm, familiar glow of incandescent light with the simplicity of a two-wire LED tape light installation. 7-Year Limited Warranty.



CRI	90+
Warranty	7-Year Limited Warranty
LED Spacing	Medium-Pitch

CCT OPTIONS	2700K-1800K	3000K-2000K
		3000K-1800K
100 LUMEN RANGE	24VDC	
	Max. Run: 62 ft. Cut Points: 3.28 in. Wattage: 1.54 W/ft.	
400 LUMEN RANGE	24VDC	
	Max. Run: 21 ft. Cut Points: 3.28 in. Wattage: 4.4 W/ft.	

For more information on VALENT® Warm Dim, see page 22.

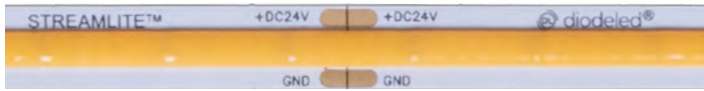
CCT OPTIONS	2700K-1800K	3000K-1800K
400 LUMEN RANGE	24VDC	
	Max. Run: 21 ft. Cut Points: 3.28 in. Wattage: 4.4 W/ft.	

For more information on VALENT® Warm Dim Wet Location, see page 23.

LED TAPE LIGHT COMPARISON CHARTS

STREAMLITE™

Dot-free linear lighting without any visible LEDs. Ideal for tight spaces and simple, impactful installations. 7-Year Limited Warranty.



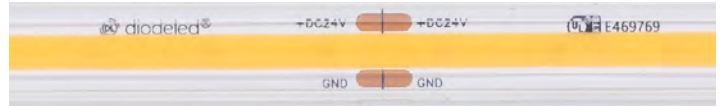
CRI	90+
Warranty	7-Year Limited Warranty
LED Spacing	Continuous-Pitch

STANDARD LUMEN RANGE	24VDC	
	STMLT	STMLT4
	Max. Run: 20 ft. Cut Points: 1.8 in. Wattage: 3.3 W/ft.	Max. Run: 16.4 ft. Cut Points: 1.8 in. Wattage: 5.0 W/ft.

For more information on STREAMLITE™, see page 24.

STREAMLITE™ Wet Location

Dot-free linear lighting without any visible LEDs. Ideal for tight spaces and simple, impactful installations. Suitable for wet locations (IP65). 7-Year Limited Warranty.



CRI	90+
Warranty	7-Year Limited Warranty
LED Spacing	Continuous-Pitch

STANDARD LUMEN RANGE	24VDC	
	STMLT	STMLT4
	Max. Run: 20 ft. Cut Points: 1.8 in. Wattage: 3.3 W/ft.	Max. Run: 16.4 ft. Cut Points: 1.8 in. Wattage: 5.0 W/ft.

For more information on STREAMLITE™ Wet Location, see page 25.

LED TAPE LIGHT // Comparison Charts

Preview Diode LED's comprehensive selection of LED tape lights and compare them with ease across product families.

STREAMLITE™ Tunable White

Tunable white light that changes color temperature (CCT) at the push of a button or DMX controls. Change the light from warm to cool for aesthetic or circadian effects. 7-Year Limited Warranty.



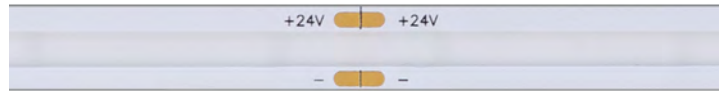
CRI	90+
Warranty	7-Year Limited Warranty
LED Spacing	Continuous-Pitch

CCT OPTIONS ■ 2700K ■ 3500K ■ 6500K	
STANDARD LUMEN RANGE	24VDC
	Max. Run: 16.4 ft. Cut Points: 1 in. Wattage: 3.0 W/ft.

For more information on STREAMLITE™ Tunable White, see page 26.

STREAMLITE™ Colors

Dotless linear lighting that eliminates the need for additional diffusing covers or accessories. 7-Year Limited Warranty.



CRI	N/A
Warranty	5-Year Limited Warranty
LED Spacing	Continuous-Pitch

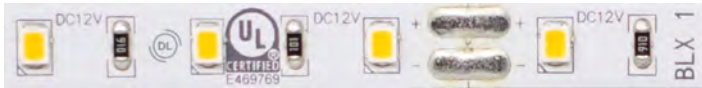
CCT OPTIONS ■ Red ■ Green	
INDOOR (IP20)	24VDC
	Max. Run: 20 ft. Cut Points: 2.5 in. Wattage: 3.3 W/ft.
OUTDOOR (IP65)	24VDC
	Max. Run: 20 ft. Cut Points: 1.8 in. Wattage: 3.3 W/ft.

For more information on STREAMLITE™ Colors, see page 24.

LED TAPE LIGHT COMPARISON CHARTS

BLAZE™ X

Our classic tape light with precision performance. Up to 350+ lumens per foot with 95+ CRI / 90+ R9. 12-Year Limited Warranty.



CRI	95+
Warranty	12-Year Limited Warranty
LED Spacing	Standard-Pitch

BLAZE™ X Wet Location

Our classic tape light with precision performance for wet locations (IP65). Up to 350+ lumens per foot with 95+ CRI / 90+ R9. 12-Year Limited Warranty.



CRI	95+
Warranty	12-Year Limited Warranty
LED Spacing	Standard-Pitch

CCT OPTIONS	2000K	2400K	2700K	3000K	3500K	4200K	5000K	6300K
100 LUMEN RANGE	12VDC		24VDC					
	Max. Run: 37 ft. Cut Points: 2 in. Wattage: 1.46 W/ft.		Max. Run: 70 ft. Cut Points: 4 in. Wattage: 1.54 W/ft.					
200 LUMEN RANGE	12VDC		24VDC					
	Max. Run: 22 ft. Cut Points: 1 in. Wattage: 3.1 W/ft.		Max. Run: 45 ft. Cut Points: 2 in. Wattage: 3.1 W/ft.					
300 LUMEN RANGE	12VDC		24VDC					
	Max. Run: 20 ft. Cut Points: 1 in. Wattage: 4.3 W/ft.		Max. Run: 40 ft. Cut Points: 2 in. Wattage: 4.3 W/ft.					

For more information on BLAZE™ X, see page 28.

CCT OPTIONS	2400K	2700K	3000K	3500K		
100 LUMEN RANGE	12VDC		24VDC			
	Max. Run: 37 ft. Cut Points: 2 in. Wattage: 1.5 W/ft.		Max. Run: 70 ft. Cut Points: 4 in. Wattage: 1.5 W/ft.			
200 LUMEN RANGE	12VDC		24VDC			
	Max. Run: 22 ft. Cut Points: 1 in. Wattage: 3.1 W/ft.		Max. Run: 45 ft. Cut Points: 2 in. Wattage: 3.1 W/ft.			
300 LUMEN RANGE	12VDC		24VDC			
	Max. Run: 20 ft. Cut Points: 1 in. Wattage: 4.3 W/ft.		Max. Run: 40 ft. Cut Points: 2 in. Wattage: 4.3 W/ft.			

For more information on BLAZE™ X Wet Location, see page 29.

LED TAPE LIGHT // Comparison Charts

Preview Diode LED's comprehensive selection of LED tape lights and compare them with ease across product families.

BLAZE™

Performance and value for everyday projects. Our most popular tape light, available in a wide range of color temperatures and outputs. 7-Year Limited Warranty.



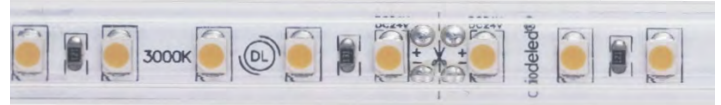
CRI	90+
Warranty	7-Year Limited Warranty
LED Spacing	Standard-Pitch

CCT OPTIONS	2000K	2700K	3000K	3500K
	4000K	5000K	6300K	
100 LUMEN RANGE	12VDC		24VDC	
	Max. Run: 27 ft. Cut Points: 2 in. Wattage: 1.46 W/ft.		Max. Run: 55 ft. Cut Points: 4 in. Wattage: 1.46 W/ft.	
200 LUMEN RANGE	12VDC		24VDC	
	Max. Run: 20 ft. Cut Points: 1 in. Wattage: 2.93 W/ft.		Max. Run: 40 ft. Cut Points: 2 in. Wattage: 2.93 W/ft.	
300 LUMEN RANGE	12VDC		24VDC	
	—		Max. Run: 22 ft. Cut Points: 2 in. Wattage: 4.5 W/ft.	

For more information on BLAZE™, see page 30.

BLAZE™ Wet Location

Performance and value for everyday projects. Our most popular tape light, available in a wide range of color temperatures and outputs. Suitable for wet locations (IP65). 7-Year Limited Warranty.



CRI	90+
Warranty	7-Year Limited Warranty
LED Spacing	Standard-Pitch

CCT OPTIONS	2700K	3000K	5000K
	100 LUMEN RANGE	12VDC	
Max. Run: 27 ft. Cut Points: 2 in. Wattage: 1.46 W/ft.		Max. Run: 55 ft. Max. Run (Class 2): 65 ft. Cut Points: 4 in. Wattage: 1.46 W/ft.	
200 LUMEN RANGE	12VDC		24VDC
	Max. Run: 20 ft. Cut Points: 1 in. Wattage: 2.93 W/ft.		Max. Run: 40 ft. Cut Points: 4 in. Wattage: 2.93 W/ft.
300 LUMEN RANGE	12VDC		24VDC
	—		Max. Run: 22 ft. Cut Points: 2 in. Wattage: 4.5 W/ft.

For more information on BLAZE™ Wet Location, see page 31.

LED TAPE LIGHT COMPARISON CHARTS

BLAZE™ COLORS

Vibrant solid-color tape light. Made for indoor or damp location (IP20) applications. 7-Year Limited Warranty.



CRI	N/A
Warranty	12-Year Limited Warranty
LED Spacing	Standard-Pitch

CCT OPTIONS

 Red  Green  Blue

	12VDC	24VDC
STANDARD LUMEN RANGE	Max. Run: 20 ft. Cut Points: 1 in. Wattage: 3.0 W/ft.	Max. Run: 40 ft. Cut Points: 2 in. Wattage: 3.0 W/ft.

For more information on BLAZE™ COLORS, see page 30.


INFINILINE®

Driverless 120VAC flexible linear light for long runs up to 164 feet on a single power feed. Ideal for coves, and cost-effective to install. 5-Year Limited Warranty.



CRI	90+
Warranty	5-Year Limited Warranty
LED Spacing	Standard-Pitch

CCT OPTIONS

 2700K  3000K  3500K  4200K

	120VAC
STANDARD LUMEN RANGE	Max. Run: 164 ft. Wattage: 3.7 W/ft.

For more information on INFINILINE®, see page 32.

LED TAPE LIGHT // Comparison Charts

Preview Diode LED's comprehensive selection of LED tape lights and compare them with ease across product families.

DAZZLE® RGBW 4D

Bright, saturated RGBW tape light for color changing applications. Option available for wet locations (IP65). 12-Year Limited Warranty.



CRI	RGB (W - 3000K 80+)
Warranty	12-Year Limited Warranty
LED Spacing	Standard-Pitch

CCT
OPTIONS



RGBW



3000K

24VDC

RGBW 4D
FULL COLOR

Max. Run: 16.4 ft.
Cut Points: 4 in.
Wattage: 6.4 W/ft.

For more information on DAZZLE® RGBW 4D, see page 34.

DAZZLE® RGB

RGB tape light for color changing applications. Option available for wet locations (IP65). 5-Year Limited Warranty.



CRI	RGB (N/A)
Warranty	5-Year Limited Warranty
LED Spacing	Standard-Pitch

CCT
OPTIONS



RGB

24VDC

RGB
FULL COLOR

Max. Run: 16.4 ft.
Cut Points: 4 in.
Wattage: 4.32 W/ft.

For more information on DAZZLE® RGB, see page 35.





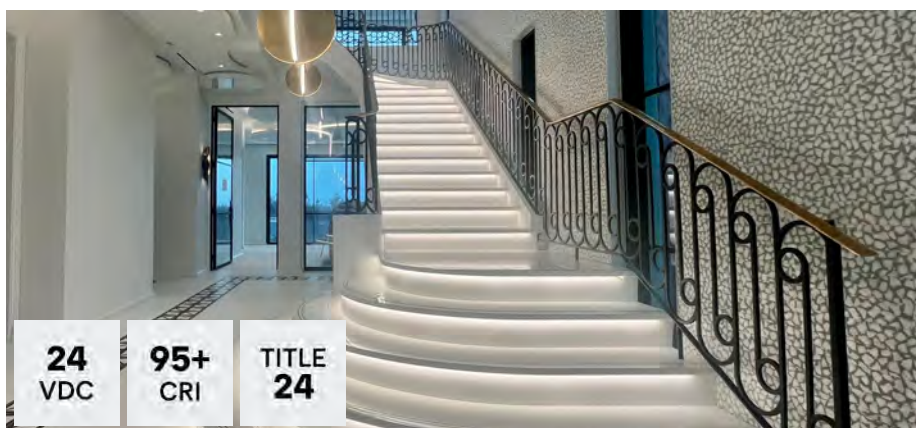
LED TAPE LIGHTS

A linear light for every application. With the widest range of tape light on the market, there is always an option perfectly tailored to the performance level you need for each project.

VALENT® X HIGH DENSITY LED TAPE LIGHT



Precision-engineered, high density tape light for demanding applications when light quality matters most. Up to 900+ lumens per foot with 95+ CRI / 90 R9.



FEATURES & BENEFITS

- Dense LED placement for uninterrupted linear light
- Precision color rendering with 90 R9 value
- Channel (extrusion) not required for heat sink

QUICK SPECS

Voltage	24VDC
Width	12mm
CRI	95+
Warranty	12-Year Limited Warranty
Dimming	Dimmable
Environment	Indoor / Damp Location (IP20)
Certification	UL Listed 2108
Connector	12mm Terminal Block

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

DI	VOLTAGE	MODEL	LUMEN SERIES	CCT	LENGTH
DI	24V (24VDC)	VLX	1 (100 Lumen Range)	24 (2400K)	016 (16.4 ft.)
			2 (200 Lumen Range)	27 (2700K)	100 (100 ft.)
			3 (300 Lumen Range)	30 (3000K)	
			5 (500 Lumen Range)	35 (3500K)	
			8 (800 Lumen Range)	40 (4000K)	

EXAMPLE: 24V VALENT® X 800 LUMENS 5000K 16.4 FT. SPOOL = DI-24V-VLX8-50-016

24VDC					
CCT	VLX1	VLX2	VLX3	VLX5	VLX8
	100 LUMEN RANGE Max. Run: 80 ft. Cut Points: 1.32 in. Wattage: 1.0 W/ft.	200 LUMEN RANGE Max. Run: 53 ft. Cut Points: 1.32 in. Wattage: 1.9 W/ft.	300 LUMEN RANGE Max. Run: 41 ft. Cut Points: 1.32 in. Wattage: 2.8 W/ft.	500 LUMEN RANGE Max. Run: 30 ft. Cut Points: 1.32 in. Wattage: 4.6 W/ft.	800 LUMEN RANGE Max. Run: 19 ft. Cut Points: 1.32 in. Wattage: 7.2 W/ft.
CCT	Lumens / ft.	Lumens / ft.	Lumens / ft.	Lumens / ft.	Lumens / ft.
2400K	104	194	299	469	730
2700K	101	207	311	495	782
3000K	106	218	323	557	853
3500K	108	218	328	586	906
4000K	112	228	342	534	806
5000K	116	242	365	592	840
6300K	112	244	363	578	924

VALENT® X WET LOCATION HIGH DENSITY LED TAPE LIGHT



Precision-engineered, high density tape light for wet locations (IP65). Up to 500+ lumens per foot with 95+ CRI / 90+ R9.



24 VDC	95+ CRI	TITLE 24	 IP65
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FEATURES & BENEFITS

- Dense LED placement for uninterrupted linear light
- Precision color rendering with 90+ R9 value
- Ultra high lumen output

QUICK SPECS

Voltage	24VDC
Width	14mm
CRI	95+
Warranty	12-Year Limited Warranty
Dimming	Dimmable
Environment	Outdoor / Wet Location (IP65)
Certification	UL Listed 2108

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

DI	VOLTAGE	MODEL	CCT	LENGTH
DI	24V (24VDC)	VLX5	24 (2400K)	W016 (16.4 ft.)
			27 (2700K)	W100 (100 ft.)
			30 (3000K)	
			35 (3500K)	

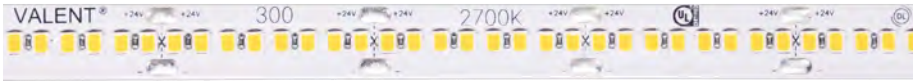
EXAMPLE: 24V VALENT® X 500 LUMENS 2700K 16.4 FT. SPOOL = DI-24V-VLX5-27-W016

24VDC	
500 LUMEN RANGE	
VLX5	
Max. Run: 30 ft.	Cut Points: 1.32 in. Wattage: 4.6 W/ft.
CCT	Lumens / ft.
2400K	466
2700K	437
3000K	469
3500K	492

VALENT® HIGH DENSITY LED TAPE LIGHT



Versatile, high density tape light for most applications. Full diffusion and dotless light when paired with channels.



FEATURES & BENEFITS

- Dense LED placement for uninterrupted linear light
- Precision color rendering
- Channel (extrusion) not required for heat sink

QUICK SPECS

Voltage	24VDC
Width	12mm
CRI	90+
Warranty	7-Year Limited Warranty
Dimming	Dimmable
Environment	Indoor / Damp Location (IP20)
Certification	UL Listed 2108
Connector	12mm Terminal Block

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

DI	VOLTAGE	MODEL	LUMEN SERIES	CCT	LENGTH
DI	24V (24VDC)	VL	2 (200 Lumen Range)	27 (2700K)	016 (16.4 ft.)
			3 (300 Lumen Range)	30 (3000K)	100 (100 ft.)
			5 (500 Lumen Range)	35 (3500K)	
				40 (4000K)	

EXAMPLE: 24V VALENT® 200 LUMENS 2700K 16.4 FT. SPOOL = DI-24V-VL2-27-016


24VDC			
	200 LUMEN RANGE	300 LUMEN RANGE	500 LUMEN RANGE
	VL2	VL3	VL5
	Max. Run: 55 ft. Cut Points: 1.32 in. Wattage: 1.72 W/ft.	Max. Run: 42 ft. Cut Points: 1.32 in. Wattage: 2.55 W/ft.	Max. Run: 29 ft. Cut Points: 1.32 in. Wattage: 4.28 W/ft.
CCT	Lumens / ft.	Lumens / ft.	Lumens / ft.
2700K	221	325	539
3000K	222	329	504
3500K	206	298	506
4000K	209	313	512

VALENT® WET LOCATION HIGH DENSITY LED TAPE LIGHT



Versatile, high density tape light for most applications. Full diffusion and dotless light when paired with channels. Suitable for wet locations (IP65).



24 VDC	90+ CRI	TITLE 24	 IP65
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FEATURES & BENEFITS

- Dense LED placement for uninterrupted linear light
- Precision color rendering
- Suitable for wet locations

QUICK SPECS

Voltage	24VDC
Width	14mm
CRI	90+
Warranty	7-Year Limited Warranty
Dimming	Dimmable
Environment	Outdoor / Wet Location (IP65)
Certification	UL Listed 2108

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

DI	VOLTAGE	MODEL	CCT	LENGTH
DI	24V (24VDC)	VL2	24 (2400K)	W016 (16.4 ft.)
		VL5	27 (2700K)	W100 (100 ft.)
			30 (3000K)	
			35 (3500K)	

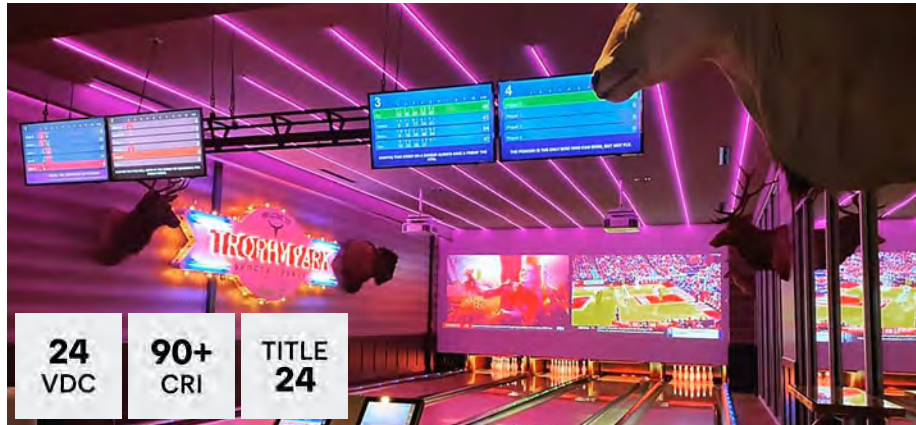
EXAMPLE: 24V VALENT® WET LOCATION 200 LUMENS 2400K 16.4 FT. SPOOL = DI-24V-VL2-24-W016

24VDC		
CCT	Lumens / ft.	Lumens / ft.
	200 LUMEN RANGE VL2-W Max. Run: 55 ft. Cut Points: 1.32 in. Wattage: 1.72 W/ft.	500 LUMEN RANGE VL5-W Max. Run: 29 ft. Cut Points: 1.32 in. Wattage: 4.28 W/ft.
2400K	197	506
2700K	208	511
3000K	210	485
3500K	196	472

VALENT® RGBW LED TAPE LIGHT



Bright, saturated RGBW tape light for high performance color changing applications. Capable of billions of color combinations, plus pure 3000K white light.



FEATURES & BENEFITS

- Dense LED placement for uninterrupted linear light
- RGB tri-chip and 3000K white chip capable of billions of colors
- Controllable via DMX, CASAMBI, TOUCHDIAL™, and other options

QUICK SPECS

Voltage	24VDC
Width	12mm
CRI	90+
Warranty	7-Year Limited Warranty
Dimming	Dimmable
Environment	Indoor / Damp Location IP20
Certification	UL Listed 2108
Connector	12mm Terminal Blocks

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

DI	VOLTAGE	MODEL	CCT	LENGTH
DI	24V (24VDC)	VL	RGBW	016 (16.4 ft.) 100 (100 ft.)

EXAMPLE: 24V VALENT® RGBW 16.4 FT. SPOOL = DI-24V-VL-RGBW-016

		24VDC			
		VL-RGBW			
		Max. Run: 16.4 ft.	Max. Run (Class 2): 15 ft.	Cut Points: 2 in.	Wattage: 6.1 W/ft.
CCT		Lumens / ft.			
Red		36			
Green		104			
Blue		23			
3000K		144			
All		291			

LED DRIVERS		CONTROL SYSTEMS	
Constant Voltage	See page 87	Available Products	Begin on page 76
Plug-in Adapter	See page 88		

VALENT® RGBW WET LOCATION LED TAPE LIGHT



Bright, saturated RGBW tape light for high performance color changing applications. Capable of billions of color combinations, plus pure 3000K white light. Suitable for wet locations (IP65).



FEATURES & BENEFITS

- Dense LED placement for uninterrupted linear light
- RGB tri-chip and 3000K white chip capable of billions of colors
- Suitable for wet locations

QUICK SPECS

Voltage	24VDC
Width	14mm
CRI	95+
Warranty	7-Year Limited Warranty
Dimming	Dimmable
Environment	Outdoor / Wet Location (IP65)
Certification	UL Listed 2108

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

DI	VOLTAGE	MODEL	CCT	LENGTH
DI	24V (24VDC)	VL	RGBW	W016 (16.4 ft.) W100 (100 ft.)

EXAMPLE: 24V VALENT® RGBW WET LOCATION 16.4 FT. SPOOL = DI-24V-VL-RGBW-W016

		24VDC	
		VL-RGBW	
		Max. Run: 16.4 ft.	Max. Run (Class 2): 16 ft.
		Cut Points: 2 in.	
		Wattage: 6.1 W/ft.	
CCT		Lumens / ft.	
Red		30	
Green		90	
Blue		18	
3000K		128	
All		260	

LED DRIVERS		CONTROL SYSTEMS	
Constant Voltage	See page 87	Available Products	Begin on page 76
Plug-in Adapter	See page 88		

VALENT® WARM DIM HIGH DENSITY LED TAPE LIGHT



High density tape light that glows warmer as it dims. Convincingly replicate the warm, familiar glow of incandescent light with the simplicity of a two-wire LED tape light installation.



FEATURES & BENEFITS

- 3000-2000K, 2700-1800K, and 3000-1800K dimming ranges
- 150+ and 400+ lumens per foot
- Compatible with 12mm Terminal Block Connectors

QUICK SPECS

Voltage	24VDC
Width	12mm
CRI	90+
Warranty	7-Year Limited Warranty
Dimming	Dimmable
Environment	Indoor / Damp Location (IP20)
Certification	UL Listed 2108
Connector	12mm Terminal Block

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

DI	VOLTAGE	MODEL	CCT	LENGTH
DI	24V (24VDC)	VL1	WD2718 (2700K-1800K)	016 (16.4 ft.)
		VL4	WD3020 (3000K-2000K)	100 (100 ft.)
			WD3018 (3000K-1800K)	

EXAMPLE: 24V VALENT® WARM DIM 100 LUMENS 2700K-1800K 16.4 FT. SPOOL = DI-24V-VL1-WD2718-016

24VDC						
CCT	Lumens / ft.	Lumens / ft.	Lumens / ft.	Lumens / ft.	Lumens / ft.	Lumens / ft.
2700K - 1800K	149 6	—	—	395 14	—	—
3000K - 2000K	—	155 7	—	—	400 17	—
3000K - 1800K	—	—	155 6	—	—	400 14

LED DRIVERS		CONTROL SYSTEMS	
OMNIDRIVE® X	See page 82	Available Products	Begin on page 76
SWITCHEX®	See page 86		

VALENT® WARM DIM WET LOCATION LED TAPE LIGHT



High density tape light that glows warmer as it dims. For outdoor or wet locations, this tape light convincingly replicates the warm, familiar glow of incandescent light with the simplicity of a two-wire LED tape light installation.



24 VDC	90+ CRI	TITLE 24	
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FEATURES & BENEFITS

- Simple two-wire installation with popular Diode LED drivers
- 400+ lumens per foot
- 3000-1800K and 2700-1800K dimming ranges
- Compatible with 12mm Terminal Block Connectors

QUICK SPECS

Voltage	24VDC
Width	14mm
CRI	90+
Warranty	7-Year Limited Warranty
Dimming	Dimmable
Environment	Outdoor / Wet Location (IP65)
Certification	UL Listed 2108

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

DI	VOLTAGE	MODEL	CCT	LENGTH
DI	24V (24VDC)	VL4	WD2718 (2700K-1800K) WD3018 (3000K-1800K)	W016 (16.4 ft.) W100 (100 ft.)

EXAMPLE: 24V VALENT® WARM DIM WET LOCATION 400 LUMENS 2700K-1800K 16.4 FT. SPOOL = DI-24V-VL4-WD2718-W016

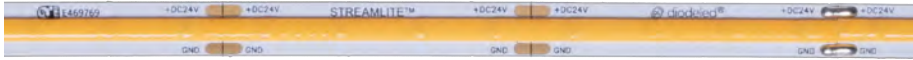
24VDC		
CCT	Lumens / ft.	Lumens / ft.
2700K - 1800K	375 12	—
3000K - 1800K	—	380 12

LED DRIVERS		CONTROL SYSTEMS	
OMNIDRIVE® X	See page 82	Available Products	Begin on page 76
SWITCHEX®	See page 86		

STREAMLITE™ DIFFUSED LINEAR LIGHT



Dot-free linear lighting without any visible LEDs. Ideal for tight spaces and simple, impactful installations.



24
VDC

90+
CRI

TITLE
24

FEATURES & BENEFITS

- Uniform, diffused light appears dotless even without a diffusing lens
- Very small size, ideal for tight spaces
- 180° beam angle for even light distribution
- Compatible with channels and other popular accessories

QUICK SPECS

Voltage	24VDC
Width	8mm
CRI	90+
Warranty	7-Year Limited Warranty
Dimming	Dimmable
Environment	Indoor / Damp Location (IP20)
Certification	UL Listed 2108
Connector	8mm Terminal Block

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

DI	VOLTAGE	MODEL	CCT	LENGTH
DI	24V (24VDC)	STMLT	27 (2700K) 40 (4000K)	016 (16.4 ft.)
		STMLT4	30 (3000K) GN (Green) 35 (3500K) RD (Red)	100 (100 ft.)

EXAMPLE: 24V STREAMLITE™ 2700K 16.4 FT. SPOOL = DI-24V-STMLT-27-016

24VDC

STMLT
Max. Run: 20 ft.
Cut Points: 1.8 in.
Wattage: 3.3 W/ft.

STMLT4
Max. Run: 16.4 ft.
Cut Points: 1.8 in.
Wattage: 5.0 W/ft.

CCT	Lumens / ft.	Lumens / ft.
2700K	288	402
3000K	292	409
3500K	285	421
4000K	323	466
Green	236	—
Red	42	—

STREAMLITE™ WET LOCATION DIFFUSED LINEAR LIGHT



RGB color-changing light for color effects. Option suitable for wet locations available (IP65).



24 VDC	90+ CRI	TITLE 24	IP65
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FEATURES & BENEFITS

- Uniform, diffused light appears dotless even without a diffusing lens
- Very small size, ideal for tight spaces
- 180° beam angle for even light distribution
- Compatible with channels and other popular accessories

QUICK SPECS

Voltage	24VDC
Width	10mm
CRI	90+
Warranty	7-Year Limited Warranty
Dimming	Dimmable
Environment	Outdoor / Wet Location (IP65)
Certification	UL Listed 2108

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

DI	VOLTAGE	MODEL	CCT	LENGTH
DI	24V (24VDC)	STMLT	27 (2700K) 40 (4000K)	W016 (16.4 ft.)
		STMLT4	30 (3000K) GN (Green)	
			35 (3500K) RD (Red)	

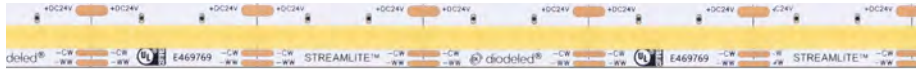
EXAMPLE: 24V STREAMLITE™ 2700K 16.4 FT. SPOOL = DI-24V-STMLT-27-W016

24VDC		
	STMLT-W	STMLT4-W
	Max. Run: 20 ft. Cut Points: 1.8 in. Wattage: 3.3 W/ft.	Max. Run: 16.4 ft. Cut Points: 1.8 in. Wattage: 5.0 W/ft.
CCT	Lumens / ft.	Lumens / ft.
2700K	221	376
3000K	256	378
3500K	275	400
4000K	271	440
Green	285	—
Red	38	—

STREAMLITE™ TUNABLE WHITE DIFFUSED LINEAR LIGHT



The lowest profile linear lighting, featuring uniform illumination without the need for additional diffusing lenses or accessories. STREAMLITE™ delivers premium light quality from a solid stream of light. Perfect for areas with low clearance or reflective surfaces to eliminate visible LED dots. Color temperature (CCT) adjustable from 2700K-6500K.



24
VDC

90+
CRI

TITLE
24

FEATURES & BENEFITS

- Uniform, diffused light appears dotless even without a diffusing lens
- Very small size, ideal for tight spaces
- 180° beam angle for even light distribution
- Compatible with channels and other popular accessories

QUICK SPECS

Voltage	24VDC
Width	10mm
CRI	90+
Warranty	7-Year Limited Warranty
Dimming	Dimmable
Environment	Indoor / Damp Location (IP20)
Certification	UL Listed 2108
Connector	Solder Only

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

DI	VOLTAGE	MODEL	CCT	LENGTH
DI	24V (24VDC)	STMLT	TW2765 (2700K-6500K)	016 (16.4 ft.)

EXAMPLE: 24V STREAMLITE™ TUNABLE WHITE 2700K-6500K 16.4 FT. SPOOL = DI-24V-STMLT-TW2765-016

24VDC	
STMLT-TW2765	
Max. Run: 16.4 ft.	Cut Points: 1 in. Wattage: 3.0 W/ft.
CCT	Lumens / ft.
2700K	200
3500K	218
6500K	260

LED DRIVERS		CONTROL SYSTEMS	
Constant Voltage	See page 87	Available Products	Begin on page 76
Plug-in Adapter	See page 88		



BLAZE™ X LED TAPE LIGHT



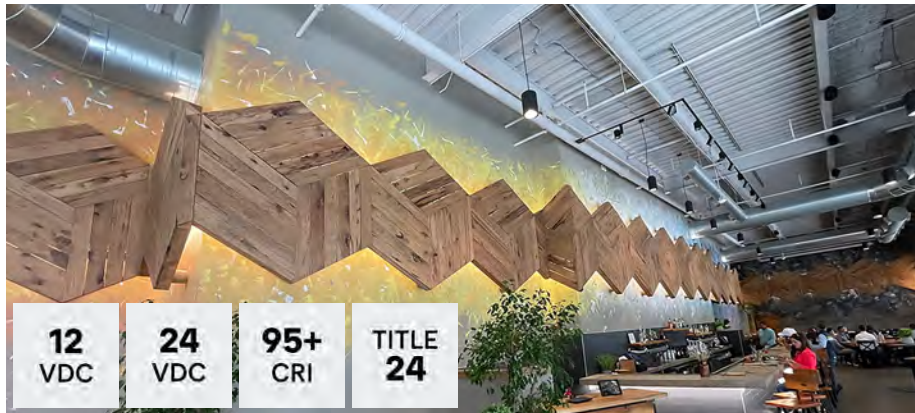
Our classic tape light with precision performance. Up to 350+ lumens per foot with 95+ CRI / 90+ R9.



BLAZE™ X 100



BLAZE™ X 200/300



FEATURES & BENEFITS

- Heavy-duty copper PCB for long lasting performance
- 12V & 24V platforms
- 90+ values for R9 color render

QUICK SPECS

Voltage	12VDC & 24VDC
Width	8mm
CRI	95+
Warranty	12-Year Limited Warranty
Dimming	Dimmable
Environment	Indoor / Damp Location (IP20)
Certification	UL Listed 2108
Connector	8mm Terminal Block

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

DI	VOLTAGE	MODEL	LUMEN SERIES	CCT	LENGTH
DI	12V (12VDC)	BLX	1 (100 Lumen Range)	20 (2000K)	35 (3500K)
			2 (200 Lumen Range)	24 (2400K)	42 (4200K)
	24V (24VDC)	BLX	3 (300 Lumen Range)	27 (2700K)	50 (5000K)
				30 (3000K)	63 (6300K)

EXAMPLE: 24V BLAZE™ X 300 LUMENS 5000K 16.4 FT. SPOOL = DI-24V-BLX3-50-016

CCT	12VDC			24VDC		
	Lumens / ft.	Lumens / ft.	Lumens / ft.	Lumens / ft.	Lumens / ft.	Lumens / ft.
2000K	—	—	—	92	181	261
2400K	110	225	318	114	224	322
2700K	109	221	305	112	224	318
3000K	122	247	339	126	253	360
3500K	126	241	352	131	254	357
4200K	127	254	349	133	264	365
5000K	128	262	358	135	264	378
6300K	121	262	380	123	276	393

BLAZE™ X WET LOCATION LED TAPE LIGHT



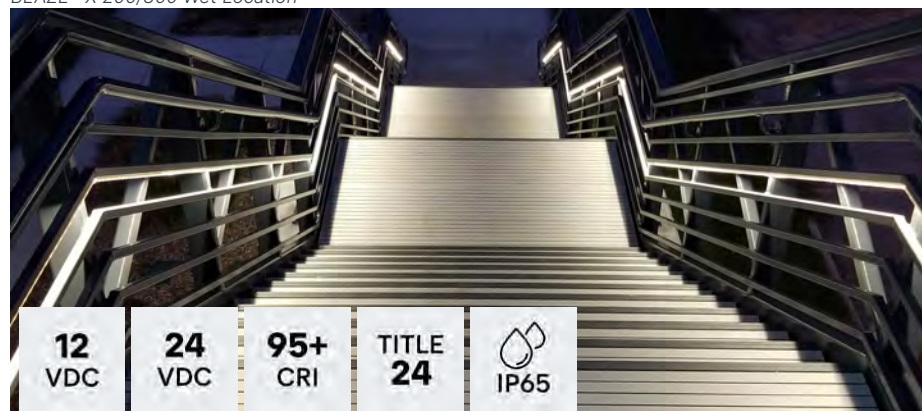
Our classic tape light with precision performance for wet locations (IP65). Up to 350+ lumens per foot with 95+ CRI / 90+ R9.



BLAZE™ X 100 Wet Location



BLAZE™ X 200/300 Wet Location



12 VDC	24 VDC	95+ CRI	TITLE 24	IP65
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FEATURES & BENEFITS

- Heavy-duty copper PCB for long lasting performance
- For use indoors and outdoors when not in direct sunlight
- 90+ values for R9 color render

QUICK SPECS

Voltage	12VDC & 24VDC
Width	10mm
CRI	95+
Warranty	12-Year Limited Warranty
Dimming	Dimmable
Environment	Outdoor / Wet Location (IP65)
Certification	UL Listed 2108

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

DI	VOLTAGE	MODEL	LUMEN SERIES	CCT	LENGTH
DI	12V (12VDC) 24V (24VDC)	BLX	1 (100 Lumen Range) 2 (200 Lumen Range) 3 (300 Lumen Range)	24 (2400K) 30 (3000K)	27 (2700K) 35 (3500K) W016 (16.4 ft.) W100 (100 ft.)

EXAMPLE: 24V BLAZE™ X Wet Location 300 LUMENS 5000K 16.4 FT. SPOOL = DI-24V-BLX3-50-W016

CCT	12VDC			24VDC		
	Lumens / ft.	Lumens / ft.	Lumens / ft.	Lumens / ft.	Lumens / ft.	Lumens / ft.
2400K	99	203	290	114	204	285
2700K	101	199	277	112	212	304
3000K	110	211	310	126	226	321
3500K	109	217	308	131	235	320

BLAZE™ LED TAPE LIGHT



Performance and value for everyday projects. Our most popular tape light, available in a wide range of color temperatures and outputs.



BLAZE™ 100



BLAZE™ 200/300



FEATURES & BENEFITS

- Precision color rendering
- 3M™ adhesive backing
- Can comply with Title 24 Part 6 JA8 requirements

QUICK SPECS

Voltage	12VDC & 24VDC
Width	8mm
CRI	90+
Warranty	7-Year Warranty
Dimming	Dimmable
Environment	Indoor / Damp Location (IP20)
Certification	UL Listed 2108
Connector	8mm Terminal Block

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

DI	VOLTAGE	MODEL	LUMEN SERIES	CCT	LENGTH	
DI	12V (12VDC) 24V (24VDC)	BLBSC	1 (100 Lumen Range) 2 (200 Lumen Range) 3 (300 Lumen Range)	27 (2700K) 30 (3000K) 35 (3500K)	40 (4000K) 50 (5000K) 63 (6300K)	016 (16.4 ft.) 100 (100 ft.) 400 (400 ft.)
		BLC	(Blank)	RD (Red) GN (Green) BL (Blue)		016 (16.4 ft.) 100 (100 ft.)

EXAMPLE: 24V BLAZE™ 100 LUMENS 5000K 100 FT. SPOOL = DI-24V-BLBSC1-50-100

CCT	12VDC			24VDC			
	Lumens / ft.	Lumens / ft.	Lumens / ft.	Lumens / ft.	Lumens / ft.	Lumens / ft.	Lumens / ft.
2000K	—	—	—	—	—	290	—
2700K	117	212	—	113	233	338	—
3000K	121	221	—	117	237	344	—
3500K	117	236	—	126	249	329	—
4000K	131	252	—	133	265	344	—
5000K	130	256	—	132	261	338	—
6300K	121	272	—	123	276	341	—
Red	—	—	95	—	—	—	98
Green	—	—	300	—	—	—	71
Blue	—	—	75	—	—	—	71

BLAZE™ WET LOCATION LED TAPE LIGHT



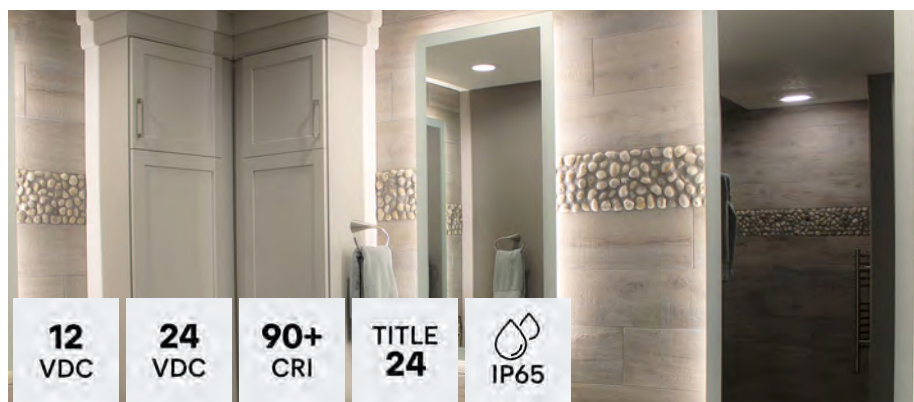
Performance and value for everyday projects. Our most popular tape light, available in a wide range of color temperatures and outputs. Suitable for wet locations (IP65).



BLAZE™ 100 Wet Location



BLAZE™ 200/300 Wet Location



FEATURES & BENEFITS

- Precision color rendering
- Suitable for applications that are prone to splashing, spraying, or rain
- Compatible with Diode LED tape light accessories including channels, drivers, and more

QUICK SPECS

Voltage	12VDC & 24VDC
Width	10mm
CRI	90+
Warranty	7-Year Limited Warranty
Dimming	Dimmable
Environment	Outdoor / Wet Location (IP65)
Certification	UL Listed 2108

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

DI	VOLTAGE	MODEL	LUMEN SERIES	CCT	LENGTH
DI	12V (12VDC)	BLBSC	1 (100 Lumen Range)	27 (2700K)	W016 (16.4 ft.)
	24V (24VDC)		2 (200 Lumen Range)	30 (3000K)	W100 (100 ft.)
			3 (300 Lumen Range)	50 (5000K)	

EXAMPLE: 24V BLAZE™ 100 LUMENS 5000K WET LOCATION 100 FT. SPOOL = DI-24V-BLBSC1-50-W100

CCT	12VDC		24VDC		
	Lumens / ft.	Lumens / ft.	Lumens / ft.	Lumens / ft.	Lumens / ft.
2700K	107	206	106	209	331
3000K	116	221	114	226	337
5000K	116	227	114	224	329

INFINILINE® DRIVERLESS LINEAR LIGHTING



120VAC linear lighting, no driver required. Ideal for long runs, such as commercial coves. Up to 164 linear feet on a single circuit. Factory assembled to your lengths for UL compliance as a hardwired or plug-in fixture.



120
VAC

90+
CRI



FEATURES & BENEFITS

- Driverless LED light
- Plug-in or hardwired connections
- Deep cold resistant

QUICK SPECS

Voltage	120VAC
Width	18mm
CRI	90+
Warranty	5-Year Limited Warranty
Dimming	Dimmable (Hardwired Only)
Environment	Outdoor / Wet Location (IP65)
Certification	UL Listed 2388 (Plug-in), UL Listed 1598, ETL Certified Canada (Hardwired)
Connection	Hardwired or Plug-in

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



VICTORY LANE

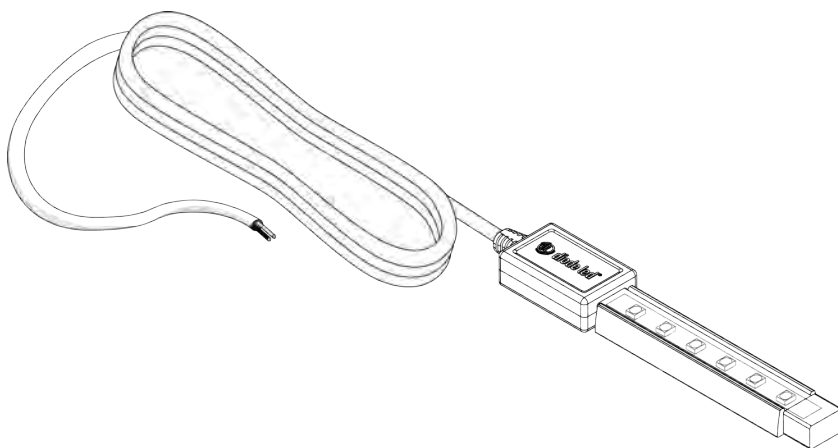


SPECIFICATIONS & SKU BUILDER

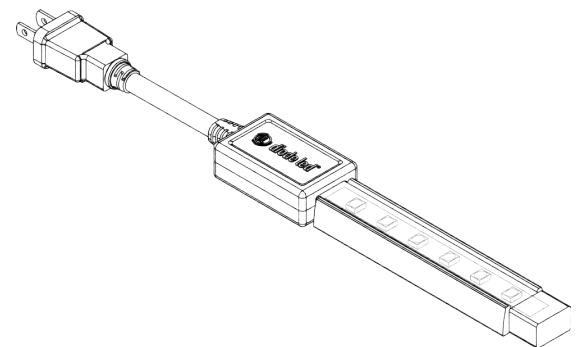
DI	VOLTAGE	MODEL	CCT	CONNECTION	LENGTH
DI	120V (120VAC)	INFBC3	27 (2700K) 30 (3000K) 35 (3500K) 42 (4200K)	H (Hardwired) N/A (Plug-in)	164 (164 ft.) Custom (Contact Quotes)

EXAMPLE: 120V INFINILINE® 3500K PLUG-IN 20 FT. CUSTOM CUT = DI-120V-INFBC3-35-H-20

120VAC	
INFBC3	
Max. Run: 164 ft.	Wattage: 3.7 W/ft.
CCT	Lumens / ft.
2700K	289
3000K	300
3500K	308
4200K	351



INFINILINE® Hardwire Connection



INFINILINE® Plug-in Connection

DAZZLE® RGBW 4D LED TAPE LIGHT



Bright, saturated RGBW tape light for color changing applications. Field connector option for quick in-field assembly. Option available for wet locations (IP65).



DAZZLE® RGBW 4D



DAZZLE® RGBW 4D Wet Location



FEATURES & BENEFITS

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

QUICK SPECS

Voltage	24VDC
Width	14mm (Indoor), 16mm (Outdoor)
CRI	80+
Warranty	12-Year Warranty
Dimming	Dimmable
Environment	Indoor / Damp Location (IP20), Outdoor / Wet Location (IP65)
Certification	UL Listed 2108
Connector	CLICKTIGHT® RGB(W)

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

DI	VOLTAGE	MODEL	LENGTH
DI	24V (24VDC)	RGBW4	CSTM (Custom, Indoor / Damp Location) 0020 (20 ft., Indoor / Damp Location) 0100 (100 ft., Indoor / Damp Location) W016 (16.4 ft., Outdoor / Wet Location)

EXAMPLE: 24V DAZZLE® RGBW 4D 20 FT. SPOOL INDOOR / DAMP LOCATION = DI-24V-RGBW4-0020

24VDC						
INDOOR (IP20) RGBW4			WET LOCATION (IP65) RGBW4-W			
CCT	Lumens / ft.		Lumens / ft.		Lumens / ft.	
RGB	Max. Run: 16.4 ft.	Cut Points: 4 in.	Wattage: 6.4 W/ft.	Max. Run: 16.4 ft.	Cut Points: 4 in.	Wattage: 6.4 W/ft.
(W) 3000K	275		239		239	

LED DRIVERS		CONTROL SYSTEMS	
Constant Voltage	See page 87	Available Products	Begin on page 76
Plug-in Adapter	See page 88		

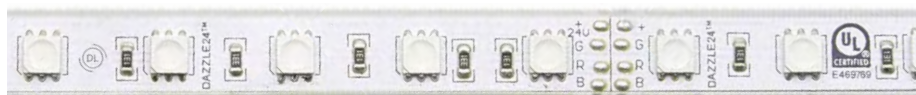
DAZZLE® RGB LED TAPE LIGHT



RGB color-changing light for color effects. Option suitable for wet locations available (IP65).



DAZZLE® RGB



DAZZLE® RGB Wet Location



FEATURES & BENEFITS

- 16 million color options
- Indoor and outdoor options available
- Use with any Diode LED RGB color controller

QUICK SPECS

Voltage	24VDC
Width	10mm (Indoor), 12mm (Outdoor)
Warranty	5-Year Limited Warranty
Dimming	Dimmable
Environment	Indoor / Damp Location (IP20), Outdoor / Wet Location (IP65)
Certification	UL Listed 2108
Connector	CLICKTIGHT® RGB

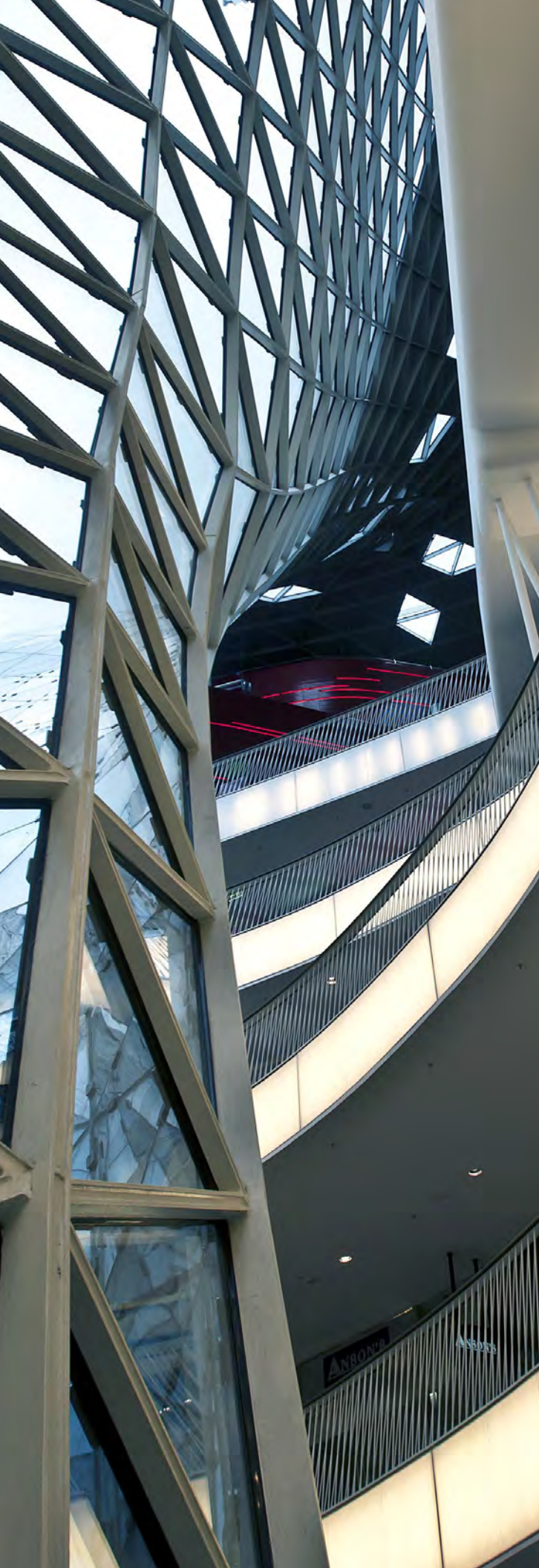
Visit the product page on the website for specification sheets, install guides, IES files, and photometric reports.

DI	VOLTAGE	MODEL	LENGTH
DI	24V (24VDC)	DRGB	CSTM (Custom)
			0016 (16.4 ft., Indoor / Damp Location)
			0100 (100 ft., Indoor / Damp Location)
			W016 (16.4 ft. Outdoor / Wet Location)

EXAMPLE: 24V DAZZLE® RGB WET LOCATION 16.4 FT. SPOOL = DI-24V-DRGB-W016

24VDC						
INDOOR (IP20)			WET LOCATION (IP65)			
DRGB			DRGB-W			
Max. Run: 16.4 ft.	Cut Points: 4 in.	Wattage: 4.32 W/ft.	Max. Run: 16.4 ft.	Cut Points: 4 in.	Wattage: 4.32 W/ft.	
CCT	Lumens / ft.			Lumens / ft.		
RGB	160			160		

LED DRIVERS		CONTROL SYSTEMS	
Constant Voltage	See page 87	Available Products	Begin on page 76
Plug-in Adapter	See page 88		



TAPE LIGHT CONNECTORS

A small part can make all the difference.

The quality of a connector can make or break a tape light project. We build our connectors from the ground up for easy, solid connections that stand the test of time. Diode LED connectors are engineered and manufactured to give you peace of mind and to enable you to install projects faster, with more confidence.

Connectors are used to connect tape light to a wire and to a driver, or to join two pieces of tape light. There are connectors for every application: tape-to-wire, tape-to-tape, and even L-connectors for 90° corner connections. Diode LED offers 8mm connectors for BLAZE™, BLAZE™ X, and STREAMLITE™ tape lights, as well as 12mm connectors for VALENT® and VALENT® X tape lights.

Diode LED connectors are robustly built, easy to use, and are rated for safe and reliable operation. They also feature low resistance and minimal voltage drop for efficiency and optimal tape light performance.

TAPE-TO-WIRE



TAPE-TO-TAPE



**90° CORNER
(L-CONNECTOR)**



**EXAMPLE
(12MM CONNECTOR
IN SLIM CHANNEL)**



CONNECTOR NOTE

Class 2 maximum load limit on all tape light connectors:

- 60W on 12V circuits
- 96W on 24V circuits

8MM CONNECTORS FOR LED LINEAR LIGHTING

8MM TERMINAL BLOCK TAPE LIGHT CONNECTOR COMPATIBILITY


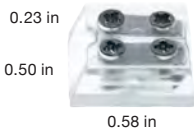

BLAZE™

BLAZE™ X

STREAMLITE™

TAPE-TO-WIRE TERMINAL BLOCK CONNECTORS


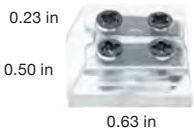



	DIMENSIONS	SKU	BUNDLE DESCRIPTION
		DI — TB8 — CONN — TTW — 1	Single
		DI — TB8 — CONN — TTW — 5	Pack of 5
		DI — TB8 — CONN — TTW — 25	Pack of 25 (Singles)
		DI — TB8 — CONN — TTW — 25B	Pack of 25 (Bulk)
<p>WITH SPLICE CABLES</p> 		DI — TB8 — 60SPL — TTW — 1	Single, 60 in. 20 AWG Wire Lead
		DI — TB8 — 60SPL — TTW — 25	Pack of 25 (Singles), 60 in. 20 AWG Splice Wire
		DI — TB8 — 60SPL — TTW — 25B	Pack of 25 (Bulk), 60 in. 20 AWG Splice Wire

Visit DiodeLED.com for all TAPE-TO-WIRE Terminal Block Connector specifications.

TAPE-TO-TAPE TERMINAL BLOCK CONNECTORS



	DIMENSIONS	SKU	BUNDLE DESCRIPTION
		DI — TB8 — CONN — TTT — 1	Single
		DI — TB8 — CONN — TTT — 5	Pack of 5
		DI — TB8 — CONN — TTT — 25	Pack of 25 (Singles)
		DI — TB8 — CONN — TTT — 25B	Pack of 25 (Bulk)
		DI — TB8 — 90 — TTT — 1	Single, 90° Corner 8mm Connector
<p>WITH JUMPER CABLES</p> 		DI — TB8 — 60JPR — TTT — 1	Single, 60 in. 20 AWG Wire Lead
		DI — TB8 — 60JPR — TTT — 25	Pack of 25 (Singles), 60 in. 20 AWG Wire Lead
		DI — TB8 — 60JPR — TTT — 25B	Pack of 25 (Bulk), 60 in. 20 AWG Wire Lead
		DI — TB8 — 6JPR — TTT — 1	Single, 6 in. 20 AWG Wire Lead
		DI — TB8 — 6JPR — TTT — 25	Pack of 25 (Singles), 6 in. 20 AWG Wire Lead
		DI — TB8 — 6JPR — TTT — 25B	Pack of 25 (Bulk), 6 in. 20 AWG Wire Lead

Visit DiodeLED.com for all TAPE-TO-TAPE Terminal Block Connector specifications.

12MM CONNECTORS FOR LED LINEAR LIGHTING

12MM TERMINAL BLOCK TAPE LIGHT CONNECTOR COMPATIBILITY

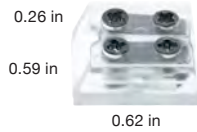
VALENT®

VALENT® X

TAPE-TO-WIRE TERMINAL BLOCK CONNECTORS



DIMENSIONS



SKU

- DI — TB12 — CONN — TTW — 1
- DI — TB12 — CONN — TTW — 5
- DI — TB12 — CONN — TTW — 25
- DI — TB12 — CONN — TTW — 25B

BUNDLE DESCRIPTION

- Single
- Pack of 5
- Pack of 25 (Singles)
- Pack of 25 (Bulk)

WITH SPLICE CABLES



- DI — TB12 — 60SPL — TTW — 1
- DI — TB12 — 60SPL — TTW — 25
- DI — TB12 — 60SPL — TTW — 25B

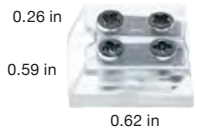
- Single, 60 in. 20 AWG Wire Lead
- Pack of 25 (Singles), 60 in. 20 AWG Splice Wire
- Pack of 25 (Bulk), 60 in. 20 AWG Splice Wire

Visit DiodeLED.com for all TAPE-TO-WIRE Terminal Block Connector specifications.

TAPE-TO-TAPE TERMINAL BLOCK CONNECTORS



DIMENSIONS



SKU

- DI — TB12 — CONN — TTT — 1
- DI — TB12 — CONN — TTT — 5
- DI — TB12 — CONN — TTT — 25
- DI — TB12 — CONN — TTT — 25B
- DI — TB12 — 90 — TTT — 1

BUNDLE DESCRIPTION

- Single
- Pack of 5
- Pack of 25 (Singles)
- Pack of 25 (Bulk)
- Single, 90° Corner 12mm Connector

WITH JUMPER CABLES



- DI — TB12 — 60JPR — TTT — 1
- DI — TB12 — 60JPR — TTT — 25
- DI — TB12 — 60JPR — TTT — 25B
- DI — TB12 — 6JPR — TTT — 1
- DI — TB12 — 6JPR — TTT — 25
- DI — TB12 — 6JPR — TTT — 25B

- Single, 60 in. 20 AWG Wire Lead
- Pack of 25 (Singles), 60 in. 20 AWG Wire Lead
- Pack of 25 (Bulk), 60 in. 20 AWG Wire Lead
- Single, 6 in. 20 AWG Wire Lead
- Pack of 25 (Singles), 6 in. 20 AWG Wire Lead
- Pack of 25 (Bulk), 6 in. 20 AWG Wire Lead

Visit DiodeLED.com for all TAPE-TO-TAPE Terminal Block Connector specifications.




COLOR CHANGING CONNECTORS FOR LED LINEAR LIGHTING

CLICKTIGHT® TAPE LIGHT CONNECTOR COMPATIBILITY

Products with the SKU prefix DI — RGBW are compatible with DAZZLE® RGBW and DAZZLE® RGBW 4D, while all other products are compatible with DAZZLE® RGB.

CLICKTIGHT® RGB & RGBW TAPE LIGHT CONNECTORS



TAPE LINK CONNECTOR	SKU (Single)	SKU (Pack of 5)	SKU (Pack of 25)	LENGTH
	DI — 0895	DI — 0895 — 5	DI — 0895 — 25	—
	DI — RGBW — CKT — LNK	DI — RGBW — CKT — LNK — 5	DI — RGBW — CKT — LNK — 25	—
	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.
	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.

Visit DiodeLED.com for all CLICKTIGHT® Tape Light Connector specifications.

FACTORY BUILT SOLUTIONS MADE YOUR WAY & READY TO INSTALL

Factory Assembly in Reno, Nevada

When we build finished fixtures at our factory, it significantly reduces installation time and labor costs in the field.

Your project-specific needs are unique. Our teams work closely with you to optimize every detail, and we use manual and automated manufacturing processes to consistently produce high-quality fixtures in as little as 5-7 business days.

Save Time. Save Labor.

Our factory in Reno, Nevada offers quick and consistent production lead times that give you the ability to select specific products that are factory-finished to precise specifications.

Our Quotes Team is Standing By

Our Quotes Team can provide budgetary or detailed quotes, product advice, layouts, markups, and more.

Call: 877.817.8028

Email: quotes@diodeled.com



Scan the QR Code
for more information on
Factory Assembly



Factory Assembled Fixtures

Create a fully assembled fixture to your exact specification.

Customize every detail: LED tape light performance level, output, and color temperature (CCT); channel and lens; mounting; wire lead options and lengths; and connectors.

Select every detail on our specification sheets, or work with our Quotes Team for white-glove service.



Factory Finished LED Tape & Strip Light

Order Diode LED tape and strip light in specified lengths with factory-soldered leads and the connections of your choice.

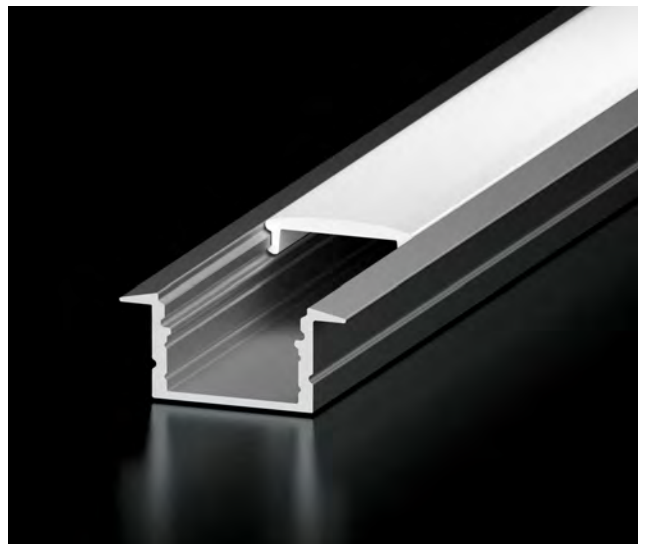
No more cutting, field soldering, or tape light connectors.



Factory Finished Channel Profiles

Factory finished channel profiles and lenses are cut to specified lengths, including angled miter cuts.

Choose from our comprehensive range of channel profiles.







CHANNEL PROFILES

Round out your tape light installation with mounting channels to diffuse and protect your light.

CHANNEL PROFILES GETTING STARTED

Channels add a professional finish to your tape light installation.

Diffuse, shape, and protect your light with the included lenses and mounting accessories. Or, select individual components as you see fit.

Channels aren't required for operation, but they improve the aesthetics of installations and add extra protection against dust, moisture, and physical impact. Lenses help reduce glare and scatter light to create softer, more pleasant light when viewed directly.

There's a profile for every application, including surface mounted, recessed, mud-in, corners, trims, and even coves.

FINISHES AVAILABLE	<input type="checkbox"/> White	<input checked="" type="checkbox"/> Black	<input type="checkbox"/> Aluminum
LENS OPTIONS	ARCHITECTURAL FROSTED	Frosted, lightly textured lens for full diffusion (no visible LEDs) and reduced glare.	
	ARCHITECTURAL CLEAR	Clear, lightly textured lens for maximum light output and reduced glare.	
	PREMIUM DIFFUSION	Tall diffusing lens (no visible LEDs) that emits light on three sides.	
	BLACK	Black diffusing lens that allows unilluminated fixtures to blend in to dark environments.	
	CLASSIC FROSTED	Diffused lens for everyday installations.	
	LENS NOTE	Not all lens options are available for every channel. See product pages for channel-specific lenses.	
DIFFUSION NOTE	See specification sheets at DiodeLED.com for details on compatibility and diffusion.		

CHANNEL PROFILES

TAPE LIGHT COMPATIBILITY GUIDE

CHANNEL	TAPE LIGHT									
	INDOOR / DAMP LOCATION (IP20)					OUTDOOR / WET LOCATION (IP65)				
	VALENT® Family	BLAZE™ Family	STREAMLITE™ Family	DAZZLE® RGB	DAZZLE® RGBW 4D	VALENT® Family	BLAZE™ Family	STREAMLITE™ Family	DAZZLE® RGB	DAZZLE® RGBW 4D
SLIM	●	●	●	●	●	●	●	●	●	—
S1	●	●	●	●	—	—	●	●	—	—
CANAL	●	●	●	●	●	●	●	●	●	—
SQUARE	●	●	●	●	●	●	●	●	●	—
RECESSED	●	●	●	●	●	●	●	●	●	—
SLIM RECESSED	—	●	●	●	—	—	●	—	—	—
45° DECO	●	●	●	●	—	—	●	●	●	—
45°	●	●	●	●	●	●	●	●	●	—
GRAZER	—	●	●	●	—	—	—	—	—	—
16MM	●	●	●	●	●	●	●	●	●	—
SCONCE	●	●	●	●	—	●	●	●	●	—
10MM SQUARE CORNER	—	●	●	●	—	—	—	—	—	—
20MM SQUARE CORNER	●	●	●	●	●	●	●	●	●	●
10MM ROUNDED CORNER	—	●	●	●	—	—	—	—	—	—
20MM ROUNDED CORNER	●	●	●	●	●	●	●	●	●	●
WAVEFORM	●	●	●	●	—	—	●	●	●	—
MUD-IN 1 IN.	●	●	●	●	●	●	●	●	●	●
MUD-IN 2 IN.	●	●	●	●	●	●	●	●	●	●
90° SIDEVIEW	●	●	●	●	●	—	●	●	—	—
REFLECTOR	●	●	●	●	—	—	●	●	—	—
ROD	●	●	●	●	—	—	●	●	●	—
8MM TAPEGUARD®	—	●	●	—	—	—	●	●	—	—
14MM TAPEGUARD®	●	—	—	●	●	●	—	—	●	●

CHANNEL PROFILES

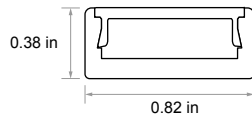
SPECIFICATIONS & SKU BUILDERS

SLIM CHANNEL

Classic low profile for most tape lights. 12mm Terminal Block Connector fits inside.



DIMENSIONS



DI — CPCHB — SL — LENS — LENGTH FINISH

DI	—	CPCHB	—	SL	—	AF	—	48 (48 in.)	W
						AC		96 (96 in.)	B
						PD			(Blank)
						BL			
						(Blank)			

EXAMPLE: SLIM CHANNEL AF LENS 48 IN. WHITE FINISH = DI-CPCHB-SL-AF-48W

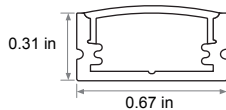
Visit DiodeLED.com for all SLIM channel accessories and specifications.

S1 CHANNEL

Low profile for everyday tape light installations. 8mm Terminal Block Connector fits inside.



DIMENSIONS



DI — CHB — S1 — LENGTH FINISH

DI	—	CHB	—	S1	—	48 (48 in.)	(Blank)
						96 (96 in.)	

EXAMPLE: S1 CHANNEL 48 IN. WHITE FINISH = DI-CHB-S1-48W

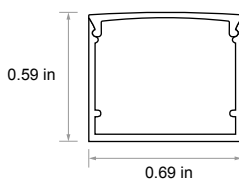
Visit DiodeLED.com for all S1 channel accessories and specifications.

CANAL CHANNEL

Medium profile for full diffusion of lower-density tape lights.



DIMENSIONS



DI — CPCHB — CAN — LENGTH FINISH

DI	—	CPCHB	—	CAN	—	48 (48 in.)	W
						96 (96 in.)	B
							(Blank)

EXAMPLE: CANAL CHANNEL 48 IN. WHITE FINISH = DI-CPCHB-CAN-48W

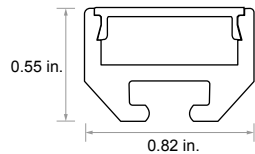
Visit DiodeLED.com for all CANAL channel accessories and specifications.

SKU BUILDER KEY	LENS OPTIONS		FINISHES			
	AF	Architectural Frosted	BL	Black	W	White
	AC	Architectural Clear	(Blank)	Frosted	B	Black
	PD	Premium Diffusion			(Blank)	Aluminum

SQUARE CHANNEL Sturdy profile with many mounting options.



DIMENSIONS



DI — CPCHB — SQ — LENS — LENGTH FINISH

DI	—	CPCHB	—	SQ	—	AF	—	48 (48 in.)	W
						AC		96 (96 in.)	B
						PD			(Blank)
						BL			
						(Blank)			

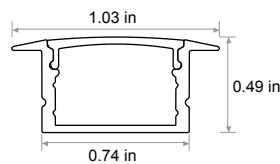
EXAMPLE: SQUARE CHANNEL AF LENS 48 IN. WHITE FINISH = DI-CPCHB-SQ-AF-48W

Visit DiodeLED.com for all SQUARE channel accessories and specifications.

RECESSED CHANNEL Recessed channel for millwork.



DIMENSIONS



DI — CPCHB — REC — LENGTH FINISH

DI	—	CPCHB	—	REC	—	48 (48 in.)	(Blank)
						96 (96 in.)	

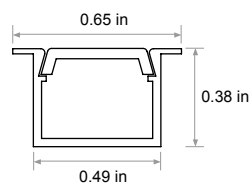
EXAMPLE: RECESSED CHANNEL 48 IN. ALUMINUM FINISH = DI-CPCHB-REC-48

Visit DiodeLED.com for all RECESSED channel accessories and specifications.

SLIM RECESSED CHANNEL Narrow recessed channel for millwork.



DIMENSIONS



DI — CPCHB — SLR — LENGTH FINISH

DI	—	CPCHB	—	SLR	—	48 (48 in.)	(Blank)
						96 (96 in.)	

EXAMPLE: SLIM RECESSED CHANNEL 48 IN. ALUMINUM FINISH = DI-CPCHB-SLR-48

Visit DiodeLED.com for all SLIM RECESSED channel accessories and specifications.

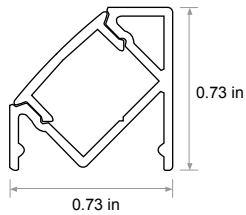
CHANNEL PROFILES SPECIFICATIONS & SKU BUILDERS

45° DECO CHANNEL

Discreet 45° profile with concealed mounting.



DIMENSIONS



DI — CPCHB — 45DCO — LENGTH FINISH

DI	—	CPCHB	—	45DCO	—	48 (48 in.)	(Blank)
						96 (96 in.)	

EXAMPLE: 45° DECO CHANNEL 48 IN. ALUMINUM FINISH = DI-CPCHB-45DCO-48

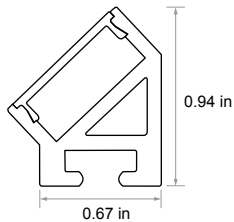
Visit DiodeLED.com for all 45° DECO channel accessories and specifications.

45° CHANNEL

Sturdy angled profile.



DIMENSIONS



DI — CPCHB — 45 — LENS — LENGTH FINISH

DI	—	CPCHB	—	45	—	AF	—	48 (48 in.)	W
						AC		96 (96 in.)	B
						PD			(Blank)
						BL			(Blank)

EXAMPLE: 45° CHANNEL AF LENS 48 IN. WHITE FINISH = DI-CPCHB-45-AF-48W

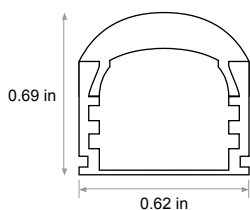
Visit DiodeLED.com for all 45° channel accessories and specifications.

GRAZER CHANNEL

Profile with narrow grazing (24°) lens.



DIMENSIONS



DI — CPCHB — GZRNB — LENGTH FINISH

DI	—	CPCHB	—	GZRNB	—	48 (48 in.)	(Blank)
						96 (96 in.)	

EXAMPLE: GRAZER NARROW CHANNEL 48 IN. ALUMINUM FINISH = DI-CPCHB-SN-AF-48

Visit DiodeLED.com for all GRAZER NARROW channel accessories and specifications.

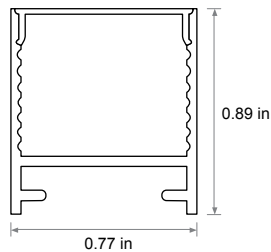
SKU BUILDER KEY		FINISHES			
		W White	B Black	(Blank)	Aluminum

16MM CHANNEL

Mounting channel for use with dry and wet location tape light.



DIMENSIONS



DI — CPCHB — 16MM — LENGTH FINISH

DI	—	CPCHB	—	16MM	—	48 (48 in.)	B*
						96 (96 in.)	(Blank)

*Black finish is only available for 96 in. channel length.

Note: Comes with Architectural Frosted lens.

EXAMPLE: 16MM CHANNEL 48 IN. ALUMINUM FINISH = DI-CPCHB-16MM-48

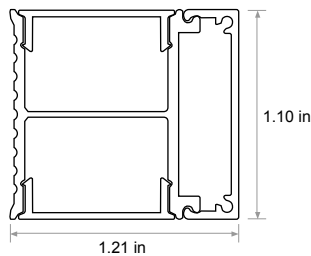
Visit DiodeLED.com for all 16MM channel accessories and specifications.

SCONCE CHANNEL

Up-down indirect lighting in a single profile for wall mounting.



DIMENSIONS



DI — CPCHB — SCNC — LENGTH FINISH

DI	—	CPCHB	—	SCNC	—	48 (48 in.)	(Blank)
						96 (96 in.)	

EXAMPLE: SCONCE CHANNEL 48 IN. ALUMINUM FINISH = DI-CPCHB-SCNC-48

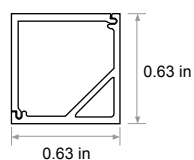
Visit DiodeLED.com for all SCONCE channel accessories and specifications.

10MM SQUARE CORNER CHANNEL

Corner profile with a squared lens.



DIMENSIONS



DI — CPCHB — SQC10 — LENGTH FINISH

DI	—	CPCHB	—	SQC10	—	48 (48 in.)	(Blank)
						96 (96 in.)	

EXAMPLE: 10MM SQUARE CORNER CHANNEL 48 IN. ALUMINUM FINISH = DI-CPCHB-SQC10-48

Visit DiodeLED.com for all 10MM SQUARE CORNER channel accessories and specifications.

CHANNEL PROFILES SPECIFICATIONS & SKU BUILDERS

20MM SQUARE CORNER CHANNEL

Corner profile with a squared lens.



DIMENSIONS		DI	CPCHB	SQC20	LENGTH	FINISH
		DI	CPCHB	SQC20	48 (48 in.)	(Blank)
					96 (96 in.)	

EXAMPLE: 20MM SQUARE CORNER CHANNEL 48 IN. ALUMINUM FINISH = DI-CPCHB-SQC20-48

Visit DiodeLED.com for all 20MM SQUARE CORNER channel accessories and specifications.

10MM ROUNDED CORNER CHANNEL

Corner profile with a rounded lens.



DIMENSIONS		DI	CPCHB	RC10	LENGTH	FINISH
		DI	CPCHB	RC10	48 (48 in.)	(Blank)
					96 (96 in.)	

EXAMPLE: 10MM ROUNDED CORNER CHANNEL 48 IN. ALUMINUM FINISH = DI-CPCHB-RC10-48

Visit DiodeLED.com for all 10MM ROUNDED CORNER channel accessories and specifications.

20MM ROUNDED CORNER CHANNEL

Corner profile with a rounded lens.



DIMENSIONS		DI	CPCHB	RC20	LENGTH	FINISH
		DI	CPCHB	RC20	48 (48 in.)	(Blank)
					96 (96 in.)	

EXAMPLE: 20MM ROUNDED CORNER CHANNEL 48 IN. ALUMINUM FINISH = DI-CPCHB-RC20-48

Visit DiodeLED.com for all 20MM ROUNDED CORNER channel accessories and specifications.

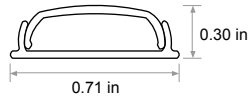
SKU BUILDER KEY		FINISHES		
		W White	B Black	(Blank) Aluminum

WAVEFORM CHANNEL

Flexible profile for installing tape light onto curved surfaces.



DIMENSIONS



DI — CPCHB — WF — LENGTH FINISH

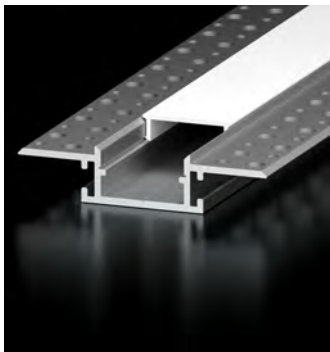
DI — CHB — WF — 48 (48 in.) (Blank)

EXAMPLE: WAVEFORM CHANNEL 48 IN. ALUMINUM FINISH = DI-CPCHB-WF-48

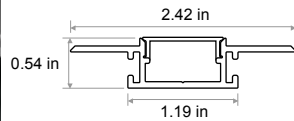
Visit DiodeLED.com for all WAVEFORM channel accessories and specifications.

MUD-IN 1 IN. CHANNEL

1-inch-wide profile for recessing directly into drywall in walls or ceilings.



DIMENSIONS



DI — CPCHB — MUD1 — LENGTH FINISH

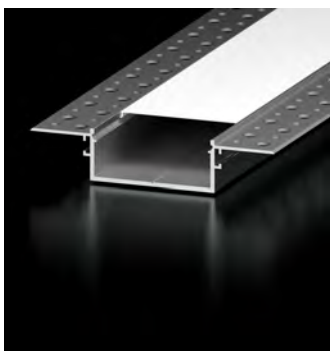
DI — CPCHB — MUD1 — 96 (96 in.) (Blank)

EXAMPLE: MUD-IN 1 IN. CHANNEL 96 IN. ALUMINUM FINISH = DI-CPCHB-MD1-96

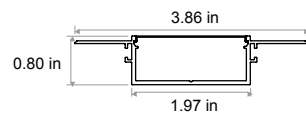
Visit DiodeLED.com for all MUD-IN 1 IN. channel accessories and specifications.

MUD-IN 2 IN. CHANNEL

2-inch-wide profile for recessing directly into drywall in walls or ceilings.



DIMENSIONS



DI — CPCHB — MUD2 — LENGTH FINISH

DI — CPCHB — MUD2 — 96 (96 in.) (Blank)

EXAMPLE: MUD-IN 2 IN. CHANNEL 96 IN. ALUMINUM FINISH = DI-CPCHB-MD2-48

Visit DiodeLED.com for all MUD-IN 2 IN. channel accessories and specifications.

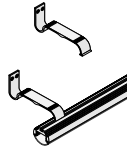
CHANNEL PROFILES

SPECIFICATIONS & SKU BUILDERS

WALL ROD



BRACKETS



Rotatable profile for general illumination.

ROD CHANNELS

DI — CPCHB — CHANNEL — LENGTH FINISH

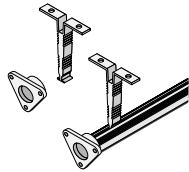
DI — CPCHB — RDCL (Closet) — 79 (79 in.) (Blank)
 RDART (Art)
 RDWAL (Wall)

EXAMPLE: CLOSET ROD CHANNEL 79 IN. ALUMINUM FINISH = DI-CPCHB-RDCL-79

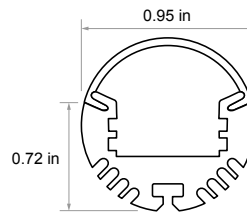
CLOSET ROD



BRACKETS



Profile for integrating lighting directly into closets in residential or hospitality environments.

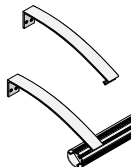


ROD DIMENSIONS FOR ALL OPTIONS

ART ROD



BRACKETS



Task lighting for art, displays, and exhibits.

Visit DiodeLED.com for all ROD channel accessories and specifications.

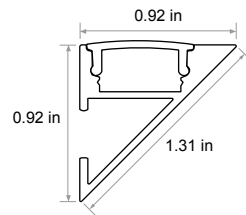
SKU BUILDER KEY	FINISHES			
	W	White	B	Black

90° SIDEVIEW CHANNEL

Wall-mounted profile for uplighting or downlighting.



DIMENSIONS



DI — CPCHB — 90SD — LENGTH FINISH

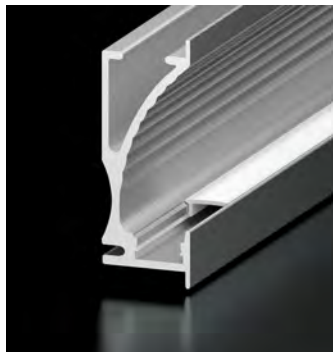
DI	—	CPCHB	—	90SD	—	48 (48 in.)	(Blank)
						96 (96 in.)	

EXAMPLE: 90° SIDEVIEW CHANNEL 48 IN. ALUMINUM FINISH = DI-CHB-90SD-48

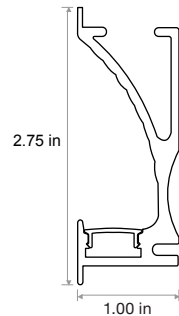
Visit DiodeLED.com for all 90° SIDEVIEW channel accessories and specifications.

REFLECTOR CHANNEL

In-wall profile for indirect effects such as path lighting and hallway lighting.



DIMENSIONS



DI — CPCHB — RFCTR — LENGTH FINISH

DI	—	CPCHB	—	RFCTR	—	48 (48 in.)	(Blank)
						96 (96 in.)	

EXAMPLE: REFLECTOR CHANNEL 48 IN. ALUMINUM FINISH = DI-CPCHB-RFCTR-48

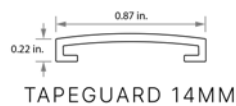
Visit DiodeLED.com for all REFLECTOR channel accessories and specifications.

TAPEGUARD®

Protects tape light from dust and airborne grease and dirt, and creates a surface that can be easily wiped clean.



DIMENSIONS



DI — TAPE — MODEL — DIFFUSION — BUNDLE

DI	—	TAPE	—	GRD (8mm)	—	FR Frosted)	—	10 (Pack of 10)
				GRD14 (14mm)		CL* (Clear)		Blank (Single)

*Clear diffusion option only available for 8mm TAPEGUARD®

EXAMPLE: TAPEGUARD® 8MM CLEAR PACK OF 10 = DI-TAPE-GRD-CL-10

Visit DiodeLED.com for all REFLECTOR channel accessories and specifications.





FLEXIBLE DIFFUSED LED LIGHTS

Flexible, dot-free linear lights
for ambient effects. Take linear
lighting into more applications
than ever before.

ALPHATECH® X LINEAR LED LIGHTING



Professional grade, fully diffused linear LED lighting for outdoors and indoors. Made in America, AlphaTECH® X delivers reliably beautiful light in harsh environments including direct sunlight, wet locations, and submerged in fountains, swimming pools, and saunas. Top-bending and side-bending with seamless end-to-end linkability and multiple mounting options, AlphaTECH® X can take light wherever you need it.



FEATURES & BENEFITS

- Seamless end-to-end mounting for limitless linear runs
- Top-bending and side-bending options with multiple output levels
- Factory built to custom lengths, 2-240 inches

QUICK SPECS

Voltage	24VDC
Width	15.86mm
CRI	95+
Warranty	5-Year Limited Warranty
Dimming	Dimmable
Environment	Outdoor / Submersible (IP69)
Certification	UL Listed 2108, UL676, NSF



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



SPECIFICATIONS & SKU BUILDER

DI	VOLTAGE	BEND STYLE	MODEL	LM/FT	CCT
DI	24V (24VDC)	SE (Side Bend)	ATX	100 (Top Bend, RGBW Only)	24 (2400K)
				130 (Top Bend Only)	27 (2700K)
		TE (Top Bend)		250 (Side Bend Only)	30 (3000K)
				400 (Top Bend Only)	35 (3500K)
		40 (4000K)			

Contact Customer Support for purchasing details: 877.817.6028

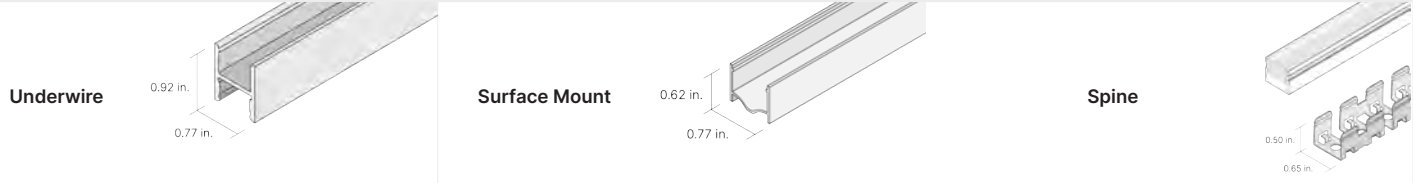
24VDC			
100 LUMEN RANGE	130 LUMEN RANGE	250 LUMEN RANGE	400 LUMEN RANGE
TOP BEND	TOP BEND	SIDE BEND	TOP BEND
Max. Run: 16 ft. Wattage: 6.1 W/ft.	Max. Run (Seamless Interconnection): 55 ft. Max. Run (Single Piece): 20 ft. Wattage: 1.8 W/ft.	Max. Run (Seamless Interconnection): 20 ft. Max. Run (Single Piece): 16 ft. Wattage: 5.6 W/ft.	Max. Run (Seamless Interconnection): 30 ft. Max. Run (Single Piece): 20 ft. Wattage: 4.6 W/ft.

CCT	Lumens / ft.	Lumens / ft.	Lumens / ft.	Lumens / ft.
2400K	—	141	261	380
2700K	—	141	266	409
3000K	—	123	314	393
3500K	—	133	320	410
4000K	—	127	271	422
Red	18	—	—	—
Green	43	—	—	—
Blue	10	—	—	—
RGBW	122	—	—	—

LED DRIVERS

OMNIDRIVE® X See page 82
 RGBW: Constant Voltage See page 87

CHANNEL PROFILES



NEON BLAZE™ DIFFUSED LED LIGHTING

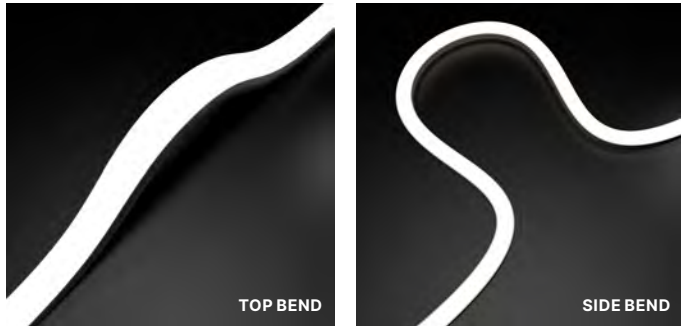


STATIC
COLOR



COLOR
CHANGING

Diffused, neon-like LED lighting with top-bending and side-bending options. Available in static white and colors, and suitable for wet locations (IP65).



24
VDC

80+
CRI



FEATURES & BENEFITS

- Fully diffused, dotless light
- Top-bending and side-bending options with multiple output levels
- Ideal for coves and other architectural details

QUICK SPECS

Voltage	24VDC
Width	16.5mm (Top-bending) 9.4mm (Side-bending)
CRI	80+
Warranty	5-Year Warranty
Dimming	Dimmable
Environment	Outdoor / Wet Location (IP65)
Certification	UL Listed 2108

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





ANDY WARHOL
10 STATUES OF LIBERTY 1986

8 AVRIL — 30 MAI 1986

LAVIGNES — BASTILLE
27, RUE DE CHARONNE - 75011 PARIS





FIXTURES & DISPLAY LIGHTING

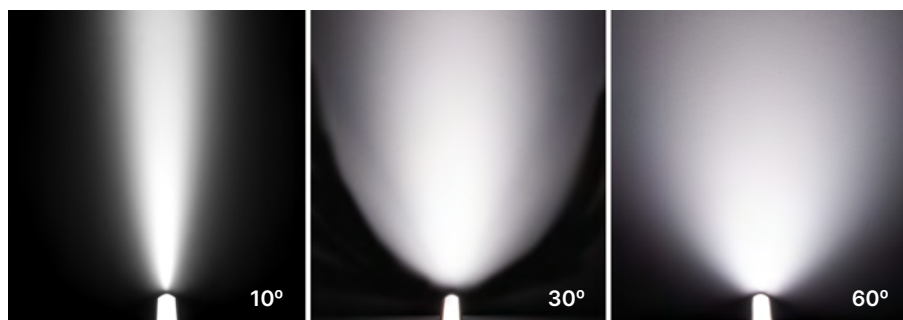
LED fixture options for
task, commercial, retail,
and sign applications.

GRAZE X™

LINEAR GRAZER FIXTURE



GRAZE X™ brings textures and surfaces to life with patented X-TIR™ Linear Optics Technology. These compact, high performance fixtures are infinitely versatile and fully customizable, always with high-performance color rendering and a small form factor that is easy to conceal. Graze textured walls or ceilings, highlight architectural details, or make retail products shine with near-zero glare and precise beam control.



24
VDC

95+
CRI

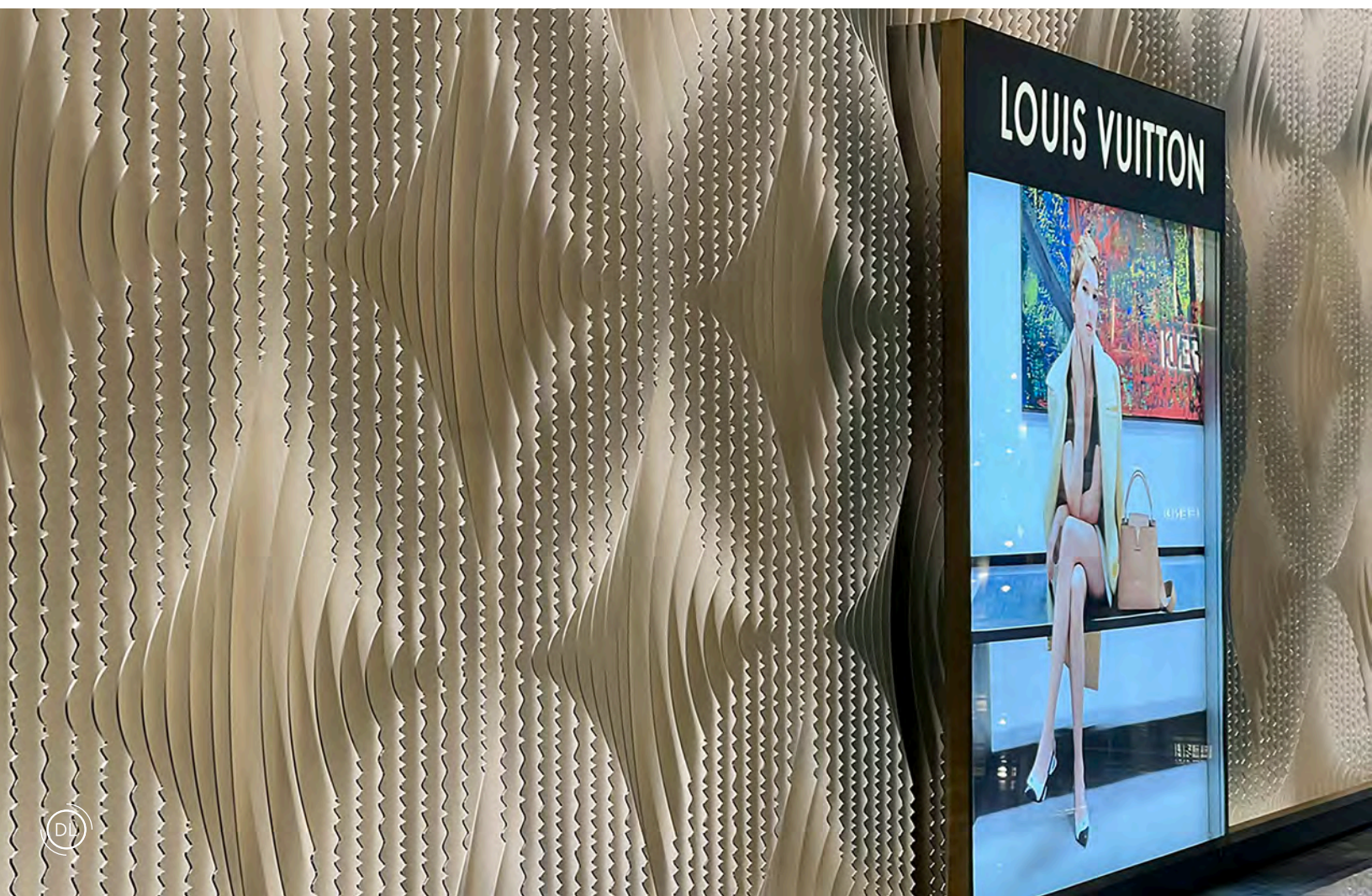
FEATURES & BENEFITS

- Crisp optical performance with 10, 30, and 60 degree beam angles
- X-TIR™ Linear Optics Technology for low glare
- Built to length in 1" increments, daisy-chain capable for long runs
- Rotating aiming bracket or flat mounting clip
- CRI, hue and gamut matched to VALENT® X tape light

QUICK SPECS

Voltage	24VDC
CRI	95+
Warranty	12-Year Limited Warranty
Dimming	Dimmable
Environment	Indoor / Damp Location (IP20)
Certification	UL Listed 2108

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



SPECIFICATIONS & SKU BUILDER

DI	VOLTAGE	MODEL	SERIES	CCT	FINISH
DI	24V (24VDC)	GRZX10	300	24 (2400K)	AL (Aluminum)
		GRZX30	500	27 (2700K)	WH (White)
		GRZX60	800	30 (3000K)	BL (Black)
				35 (3500K)	
				40 (4000K)	
				50 (5000K)	
				63 (6300K)	

Contact Customer Support for purchasing details: 877.817.6028

RGBW is only offered in the GRZX 300 series. RGBW

Available CCTs

2400K
 2700K
 3000K
 3500K
 4000K
 5000K
 6300K
 RGBW

24VDC

GRAZE X™ 300 LIGHT SPECIFICATIONS

Max. Run: 41 ft.		Wattage: 2.8 W/ft.		Peak Center Beam Candle Power: 3965 cd	
10° Beam		30° Beam		60° Beam	
Foot-Candles	Foot-Candles	Foot-Candles	Foot-Candles	Foot-Candles	Foot-Candles
1 / 5 / 10 / 15	979 / 40 / 10 / 4	552 / 22 / 6 / 2	264 / 11 / 3 / 1		

GRAZE X™ 500 LIGHT SPECIFICATIONS

Max. Run: 30 ft.		Wattage: 4.6 W/ft.		Peak Center Beam Candle Power: 6037 cd	
10° Beam		30° Beam		60° Beam	
Foot-Candles	Foot-Candles	Foot-Candles	Foot-Candles	Foot-Candles	Foot-Candles
1 / 5 / 10 / 15	1625 / 65 / 16 / 7	972 / 39 / 10 / 4	468 / 19 / 5 / 2		

GRAZE X™ 800 LIGHT SPECIFICATIONS

Max. Run: 19 ft.		Wattage: 7.2 W/ft.		Peak Center Beam Candle Power: 7917 cd	
10° Beam		30° Beam		60° Beam	
Foot-Candles	Foot-Candles	Foot-Candles	Foot-Candles	Foot-Candles	Foot-Candles
1 / 5 / 10 / 15	2342 / 94 / 23 / 10	1358 / 54 / 14 / 6	705 / 28 / 7 / 3		

GRAZE X™ RGBW LIGHT SPECIFICATIONS

Max. Run: 16 ft.		Wattage: 6.1 W/ft.		Peak Center Beam Candle Power: 1249 cd	
10° Beam		30° Beam		60° Beam	
Foot-Candles	Foot-Candles	Foot-Candles	Foot-Candles	Foot-Candles	Foot-Candles
1 / 5 / 10 / 15	1249 / 50 / 13 / 6	428 / 17 / 4 / 2	239 / 10 / 2 / 1		

Visit DiodeLED.com for a list of recommended accessories for GRAZE X™.

SABER™ LED UNDER CABINET LIGHT



SABER™ makes installation simple for soft, diffused under cabinet and task lighting. These 120V direct-wire LED fixtures feature five field-selectable color temperatures (CCTs) to please every customer. Using the included accessories, connect fixtures together for long runs.

SABER™ fixtures are compatible with most popular TRIAC and ELV dimmers and dim smoothly to as low as 5%. SABER™ makes it cost-effective and easy to equip any space with professional-level LED task lighting.

FEATURES & BENEFITS

- Link multiple fixtures for long runs
- Diffused lighting with no hot spots
- TRIAC and ELV dimming down to 5%
- Concealed self-contained mounting

QUICK SPECS

Voltage	120VAC
CRI	90+
Warranty	5-Year Limited Warranty
Dimming	TRIAC and ELV dimming
Environment	Indoor / Damp Location (IP20)
Certification	ETL Certified

**120
VAC**

**90+
CRI**

**TITLE
24**

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



SPECIFICATIONS & SKU BUILDER

DI	VOLTAGE	MODEL	LENGTH	SABER CCT NOTE	ALL CCTs*
DI	120V (120VAC)	SABER	08 (8 in.) 14 (14 in.) 22 (22 in.) 33 (33 in.)	*CCTs are field selectable. Each SABER™ has the ability to utilize all CCT options.	27 (2700K) 30 (3000K) 35 (3500K) 40 (4000K) 50 (5000K)

EXAMPLE: 120V SABER™ 8 FT. SPOOL = DI-120V-SABER-08

120VAC				
	SABER-08	SABER-14	SABER-22	SABER-33
	Length: 8 in. Wattage: 5 W/fixture	Length: 14 in. Wattage: 9 W/fixture	Length: 22 in. Wattage: 11 W/fixture	Length: 33 in. Wattage: 16 W/fixture
CCT	Lumens	Lumens	Lumens	Lumens
2700K	256	498	624	876
3000K	265	516	637	890
3500K	270	516	628	867
4000K	279	541	667	942
5000K	280	547	672	954

Visit DiodeLED.com for additional connectors and accessories for SABER™.



SPOTMOD® PUCK LED FIXTURE



Compact, dimmable LED fixture that integrates seamlessly into cabinetry, drywall, displays, and more.
Suitable for indoors.



FEATURES & BENEFITS

- Aluminum construction
- Low profile and easy to install
- Housing can be removed for recessed mounting
- Works with popular Diode LED drivers

QUICK SPECS

Voltage	12VDC
CRI	90+
Warranty	5-Year Limited Warranty
Dimming	Dimmable
Environment	Indoor / Damp Location (IP20)
Certification	ETL Certified
Connector	DC Plug

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

DI	VOLTAGE	MODEL	CCT	FINISH
DI	12V (12VDC)	PUCK	27 (2700K)	AL (Aluminum)
			30 (3000K)	WH (White)
			40 (4000K)	BL (Black)

EXAMPLE: 12V SPOTMOD® PUCK 2700K WHITE = DI-12V-PUCK-27-WH

12VDC	
PUCK	
Wattage: 3.0 W/fixture	
CCT	Lumens
2700K	215
3000K	220
5000K	235



Black



Aluminum



White

TRIAN[®] 2 LED PUCK LIGHT 12/24V



The TRIAN[®] 2 LED Puck Lights operate on a dual 12/24V platform for task and accent lighting in a small fixture.



FEATURES & BENEFITS

- Surface and recess mounting
- Available in 3 finishes
- Dual input voltage 12/24V

QUICK SPECS

Voltage	12VDC & 24VDC
CRI	90+
Warranty	5-Year Limited Warranty
Dimming	Dimmable
Environment	Indoor / Damp Location (IP20)
Certification	ETL Listed
Connector	DC Plug

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

DI	VOLTAGE	MODEL	CCT	FINISH
DI	1224V (12VDC / 24VDC)	TRNT2	30 (3000K) 50 (5000K)	AL (Aluminum) WH (White) BL (Black)

EXAMPLE: 12/24V TRIAN[®] 2 3000K WHITE FINISH = DI-1224V-TRNT2-30-WH

12VDC / 24VDC	
TRNT2	
Wattage: 3.3 W/fixture	
CCT	Lumens
3000K	12V: 361 24V: 392
5000K	12V: 370 24V: 399



Black



Aluminum



White

SPOTMOD® 2 RECESSED GIMBAL LED FIXTURE



Add bright, focused light to any home or business. This compact and dimmable indoor/outdoor LED fixture integrates seamlessly into cabinetry, patios, shelving, and more. SPOTMOD® 2 is available in a 32° beam angle for a broader flood light and has a wet location DC plug for safe and secure installation in dry or wet locations.

FEATURES & BENEFITS

- Sleek, compact, and sturdy aluminum housing
- 32° beam angle
- Suitable for indoor and outdoor applications

QUICK SPECS

Voltage	12VDC
CRI	90+
Warranty	5-Year Limited Warranty
Dimming	Dimmable
Environment	Outdoor / Wet Location (IP65)
Certification	ETL Listed
Connector	Wet Location Plug (9mm)



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

DI	VOLTAGE	MODEL	TYPE	CCT	BEAM ANGLE	BA
DI	12V (12VDC)	SPOT	RG2	30 (3000K)	32 (32 degrees)	BA

EXAMPLE: 12V SPOTMOD® 2 RECESSED GIMBAL 3000K 32-DEGREE BEAM ANGLE = DI-12V-SPOT-RG2-30-32-BA

12VDC	
12V-SPOT-RG2	
Wattage: 2.1 W/fixture	
CCT	Lumens
3000K	174

SPOTMOD® 2 DIMMABLE LED FIXTURE



Add bright, focused light to any home or business. This compact and dimmable indoor/outdoor LED fixture integrates seamlessly into cabinetry, patios, shelving, and more. SPOTMOD® 2 is available in a 32° beam angle for a broader flood light and has a wet location DC plug for safe and secure installation in dry or wet locations.



12 VDC	90+ CRI	TITLE 24	 IP65
------------------	-------------------	---------------------------	----------

FEATURES & BENEFITS

- Sleek, compact, and sturdy aluminum housing
- 32° beam angle
- Suitable for indoor and outdoor applications

QUICK SPECS

Voltage	12VDC
CRI	90+
Warranty	5-Year Limited Warranty
Dimming	Dimmable
Environment	Outdoor / Wet Location (IP65)
Certification	ETL Listed
Connector	Wet Location Plug (9mm)

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

DI	VOLTAGE	MODEL	TYPE	CCT	BEAM ANGLE	BA
DI	12V (12VDC)	SPOT	SP2	30 (3000K)	20 (20 degrees) 32 (32 degrees)	BA

EXAMPLE: 12V SPOTMOD® 2 LED FIXTURE 3000K 20-DEGREE BEAM ANGLE = DI-12V-SPOT-S-30-32-BA

12VDC	
12V-SPOT-SP2	
Wattage: 2.1 W/fixture	
CCT	Lumens
3000K	169

LIGHT GUIDE PANELS DISPLAY LIGHTING



Diode LED Light Guide Panels provide even, diffused light for backlighting and displays. Built to order in Reno, Nevada, we can accommodate your preferred specifications and dimensions. Thin, fully customizable luminous panels are ideal for lighting retail displays, graphics, walls, stretch ceilings, countertops, and other glowing surfaces.

Light Guide Panels can be used to illuminate:

- Cosmetics
- Product Displays
- Wall Art
- Retail Displays
- Advertisement
- Signage
- Elevator Cabs
- Backlit Surfaces



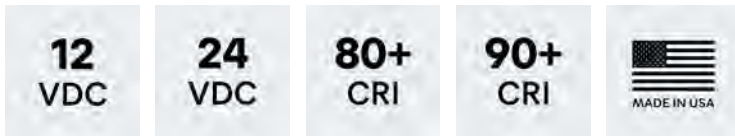
FEATURES & BENEFITS

- Even illumination from a thin, diffused panel
- Static white colors, RGBW, and tunable white
- Built to order in any size up to 54 x 94 in.
- Multiple panels can be tiled for large surfaces
- Precision-made to your custom specifications

QUICK SPECS

Voltage	12VDC & 24VDC
CRI	80+ or 90+
Warranty	5-Year Limited Warranty
Dimming	Dimmable
Environment	Indoor / Damp Location (IP20)
Certification	UL Listed 48

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












PRODUCT OPTIONS

DI	VOLTAGE	MODEL	CCT	EDGES LIT	SHAPES
DI	12V (12VDC)	LGP4	24 (2400K)	50 (5000K)	1 (One Edge) — Square
	24V (24VDC)		27 (2700K)	65 (6500K)	2 (Two Edges) — Rectangle
			30 (3000K)	TW (Tunable White)	4 (Four Edges) — Circle
	35 (3500K)		RGB	— Trapezoid	
	40 (4000K)		RGBW	— Diamond	

Contact Customer Support for purchasing details: 877.817.6028

Available CCTs

 2400K	 2700K	 3000K	 3500K	 4200K	 5000K	 6300K	 RGB(W)	 Tunable White
---	---	---	---	---	---	---	--	---

LIGHT GUIDE PANEL OPTIONS					
DIFFUSION	FRAMES	CRI	EDGES LIT	MAX. SIZE	CUSTOM SHAPES
Diffused or Clear	White or Frameless	80+ or 90+	One Edge	54 × 94 in.	Square
			Two Edges		Rectangle
			Four Edges		Circle
					Trapezoid
					Diamond







CONTROL SYSTEMS, SWITCHES, & DIMMERS

Control static-color or color-changing lights with a wide variety of controls: hardwired, remote-based, or app-based.

REIGN[®] LOW-VOLTAGE DIMMER SWITCH



Dim in-line with low-voltage dimmers positioned between a light and a constant voltage LED driver. REIGN[®] switches are easy to install, provide smooth dimming, and fit right into a standard gang box for easy installation.

SKU

DI — REIGN — WH

12
VDC

24
VDC

FEATURES & BENEFITS

- 12VDC & 24VDC PWM Dimmers
- Easy upgrade from a single on/off switch

QUICK SPECS

Input	12VDC & 24VDC
Max. Load	60W for 12VDC 100W for 24VDC
Warranty	5-Year Limited Warranty
Dimming	PWM Dimming, 0-100
Mounting	Standard electrical box
Environment	Indoor / Damp Location (IP20)
Certification	UL Certified

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



CONTROL SYSTEMS SWITCHES & DIMMERS

CASAMBI PWM4

For app-based control projects.



QUICK SPECS

- Home automation
- Dim white light
- Color changing - RGB(W)
- Tunable white
- Single color dimming
- Bluetooth control
- iOS / Android mobile app
- Programmable

SKU

CBU — PWM4

CASAMBI SYSTEM



Visit DiodeLED.com for all CASAMBI PWM4 instructional videos and additional information.

TOUCHDIAL CONTROL SYSTEM

For small to medium-scale applications.



RGB(W) Remote
DI — RF — REM — RGBW — 4



Tunable White Remote
DI — RF — REM — TW — 4

QUICK SPECS

- Color changing - RGB(W)
- Tunable white
- Single color dimming
- Control up to eight lighting zones
- Integrates with WiFi network
- iOS / Android mobile app

SKU

DI — RF — REM — RGBW — 4

DI — RF — REM — TW — 4

TOUCHDIAL SYSTEM



Visit DiodeLED.com for details on the TOUCHDIAL CONTROL SYSTEM.

DMX SYSTEM

For professional commercial, residential, and retail applications.



DMX Wall Mount Controller
DI — DMX — WIFI — WMUS — 3Z — WH



Nicolaudie STICK-DE3
DI — DMX — DE3

QUICK SPECS

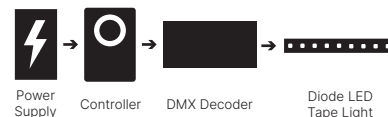
- Color changing - RGB(W)
- Single color dimming
- Three zones (Wall Mount Controller)
- Ten zones (Nicolaudie)
- iOS / Android mobile app
- Programmable

SKU

DI — DMX — WIFI — WMUS — 3Z — WH

DI — DMX — DE3

DMX SYSTEM



Visit DiodeLED.com for details on the DMX SYSTEM.

CONTROL SYSTEMS SWITCHES & DIMMERS

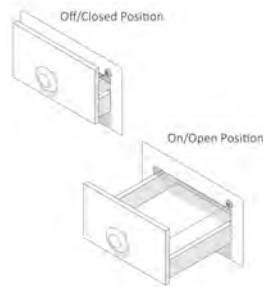
PROXIMITY SENSOR SWITCH

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



Proximity Sensor Switch
DI — SWTH — PRX

DIAGRAMS



SKU

DI — SWTH — PRX

WORKING VOLTAGE

12VDC - 24VDC

MAX. LOAD

12VDC: 60W | 24VDC: 96W

Visit DiodeLED.com for details on the PROXIMITY SENSOR SWITCH.

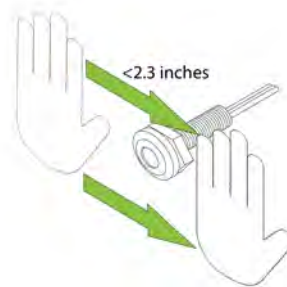
PASSIVE SENSOR SWITCH

Wave hand in front of sensor (range ≤ 2.3 inches) to activate lighting. Wave again to deactivate lighting.



Passive Sensor Switch
DI — SWTH — PSV

DIAGRAMS



SKU

DI — SWTH — PSV

WORKING VOLTAGE

12VDC - 24VDC

MAX. LOAD

12VDC: 60W | 24VDC: 96W

Visit DiodeLED.com for details on the PASSIVE SENSOR SWITCH.

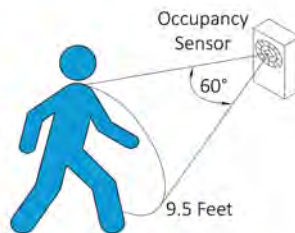
OCCUPANCY SENSOR SWITCH

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



Occupancy Sensor Switch
DI — SWTH — HW — OCS

DIAGRAMS



SKU

DI — SWTH — HW — OCS

WORKING VOLTAGE

12VDC - 24VDC

MAX. LOAD

12VDC: 60W | 24VDC: 96W

Visit DiodeLED.com for details on the OCCUPANCY SENSOR SWITCH.

IN-LINE LED DIMMER SWITCH



In-line LED Dimmer Switch (White)

In-line LED Dimmer Switch (Black)

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.



QUICK SPECS

- Good for tight installations
- White or black color options
- 12VDC and 24VDC compatible
- Use with constant voltage drivers and plug-in adapters

SKU	WORKING VOLTAGE	MAX. LOAD	COLORS	
DI — 0715	12VDC - 24VDC	2A	12VDC: 24W	White
DI — 0715 — B	12VDC - 24VDC		24VDC: 48W	Black
DI — INLINE — DS — 5A — W	12VDC - 24VDC	5A	12VDC: 60W	White
DI — INLINE — DS — 5A — B	12VDC - 24VDC		24VDC: 100W	Black

Visit DiodeLED.com for details on the IN-LINE LED DIMMER SWITCH.

IN-LINE ON/OFF LED SWITCH



In-line On/Off LED Switch (White)

In-line On/Off LED Switch (Black)

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



QUICK SPECS

- Good for tight installations
- White or black color options
- 12VDC and 24VDC compatible
- Use with constant voltage drivers and plug-in adapters
- Not dimmable

SKU	WORKING VOLTAGE	MAX. LOAD	COLORS	
DI — 0714	12VDC - 24VDC	2A	12VDC: 24W	White
DI — 0714 — B	12VDC - 24VDC		24VDC: 48W	Black
DI — INLINE — OS — 5A — W	12VDC - 24VDC	5A	12VDC: 60W	White
DI — INLINE — OS — 5A — B	12VDC - 24VDC		24VDC: 100W	Black

Visit DiodeLED.com for details on the IN-LINE ON/OFF LED SWITCH.





LED DRIVERS

Diode LED offers a wide selection of LED drivers for on/off operation, flicker-free dimming, and advanced control.

LED DRIVERS GETTING STARTED

Diode LED offers a wide selection of LED drivers for many types of installations.

Choose from any of our low-voltage power options that can support on/off, 0-10V, dim-to-dark, MLV, ELV, and more.

MAGNETIC LOW VOLTAGE (MLV)	
PRODUCTS	FEATURES
Magnetic Low Voltage (page 84)	<ul style="list-style-type: none">• Multi-Tap availability• Up to 300W

ELECTRONIC LOW VOLTAGE (ELV)	
PRODUCTS	FEATURES
OMNIDRIVE® X (page 82)	<ul style="list-style-type: none">• Universal input• No minimum load• Wide dimmer compatibility• High performance
OMNIDRIVE® BASICS (page 83)	
MikroDIM™ (page 85)	

COMMERCIAL CONTROL (0-10V)	
PRODUCTS	FEATURES
OMNIDRIVE® X (page 82)	<ul style="list-style-type: none">• Smooth dimming• Wide commercial compatibility

POWER SUPPLY & DIMMER	
PRODUCTS	FEATURES
SWITCHEX® Driver & Dimmer Switch (page 86)	<ul style="list-style-type: none">• Retrofit• Easy installation

CONSTANT VOLTAGE (NON-DIMMING)	
PRODUCTS	FEATURES
VLM Constant Voltage (page 87)	<ul style="list-style-type: none">• DMX / Color changing• On / Off• PWM / In-line dimming
Plug-in Adapter (page 88)	

LED DRIVERS

TAPE LIGHT COMPATIBILITY GUIDE

		12V & 24V LIGHTING						
		STATIC TAPE LIGHT			LED FIXTURES	DYNAMIC / COLOR CHANGING		
LED DRIVERS	VALENT® VALENT® X ALPHATECH® X		BLAZE™ BLAZE™ X NEON BLAZE™		STREAMLITE™	SPOTMOD® LGP TRIAN™ GRAZE X®	VALENT® Warm Dim	RGB(W) & Tunable White VALENT® ALPHATECH® X NEON BLAZE™ STREAMLITE™ DAZZLE® GRAZE X™
	OMNIDRIVE® X	●	●	●	●		●	●
OMNIDRIVE® BASICS	—	—	●	—	—	●	—	—
Magnetic Dimmable Drivers	—	—	●	—	—	●	—	—
MIKRODIM™	—	—	●	—	—	●	—	—
SWITCHEX® Driver & Dimmer Switch	●	●	●	●	●	●	—	—
Constant Voltage Driver*	●	●	●	●	●	●	—	●
Plug-in Adapter*	●	●	●	●	●	●	—	●

*Note: Constant Voltage Drivers and Plug-in Adapters are dimmable with in-line dimming options found on page 77.

OMNIDRIVE® X DIMMABLE DRIVER



Versatile driver for most high-performance dimming applications. Reduce complexity with universal input voltage and multiple dimming protocols in a single driver.



FEATURES & BENEFITS

- ELV, Triac, and 0-10V dimming in a single driver
- 110-277VAC universal input
- No minimum load
- Minimum dimming level of <1%, depending on dimmer
- UL Listed and Title 24 compliant

QUICK SPECS

Environment	Indoor / Outdoor
Input Voltage	110-277VAC
Output Voltage	12VDC & 24VDC models
Connection Type	Hardwired
Warranty	5-Year Limited Warranty
Dimming	Forward Phase, Reverse Phase Dimming, and 0-10V Dimming
Certification	UL Listed & JA8 / JA10 Compliant

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

24V OMNIDRIVE® X

OUTPUT	SKU	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS W/O J-BOX	DIMENSIONS W/ J-BOX (-J)
24 VDC	DI-ODX-24V30W(-J)	30W	Yes	Indoor / Outdoor	2.1 × 0.8 × 6.1 in.	3.7 × 1.36 × 6.5 in.
	DI-ODX-24V60W(-J)	60W	Yes	Indoor / Outdoor	2.4 × 1 × 7 in.	3.7 × 1.36 × 7.4 in.
	DI-ODX-24V96W(-J)	96W	Yes	Indoor / Outdoor	2.7 × 1.7 × 9 in.	3.7 × 1.36 × 8.66 in.
	DI-ODX-24V120W-J	120W	No	Indoor / Outdoor	—	3.7 × 1.36 × 8.66 in.
	DI-ODX-24V200W-J	200W	No	Indoor / Outdoor	—	4.92 × 1.95 × 10.24 in.

12V OMNIDRIVE® X

OUTPUT	SKU	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS W/O J-BOX	DIMENSIONS W/ J-BOX (-J)
12 VDC	DI-ODX-12V30W(-J)	30W	Yes	Indoor / Outdoor	2.1 × 0.8 × 6.1 in.	3.7 × 1.36 × 6.5 in.
	DI-ODX-12V60W(-J)	60W	Yes	Indoor / Outdoor	2.4 × 1 × 7 in.	3.7 × 1.36 × 7.4 in.
	DI-ODX-12V100W-J	100W	No	Indoor / Outdoor	—	3.7 × 1.36 × 8.66 in.
	DI-ODX-12V120W-J	120W	No	Indoor / Outdoor	—	3.7 × 1.36 × 8.66 in.
	DI-ODX-12V200W-J	200W	No	Indoor / Outdoor	—	4.92 × 1.95 × 10.24 in.

OMNIDRIVE® BASICS

ELECTRONIC DIMMABLE DRIVER



OMNIDRIVE® BASICS is a compact electronic dimmable (ELV) driver for everyday projects. Compatible with the most popular dimmers.



FEATURES & BENEFITS

- Simple to install
- Versatile form factor
- No minimum load
- Smooth dimming to 5%
- Optional UL Listed Junction Box

QUICK SPECS

Environment	Indoor / Damp Location (IP20)
Input Voltage	120VAC
Output Voltage	12VDC & 24VDC models
Connection Type	18 AWG Bare Wire Leads
Warranty	5-Year Limited Warranty
Dimming	Dimmable
Certification	UL Recognized / Class 2, UL Listed with Junction Box

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

24V OMNIDRIVE® BASICS

OUTPUT	SKU	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS
24 VDC	DI-ODBELV-24V60W	60W	Yes	Indoor / Damp Location	4.2 × 1.75 × 0.96 in.
	DI-ODBELV-24V60W-LPELV	60W	Yes	Indoor / Damp Location	5.5 × 0.96 × 4.7 in.
	DI-ODBELV-24V96W	96W	Yes	Indoor / Damp Location	4.37 × 1.5 × 2.19 in.
	DI-ODBELV-24V96W-LPS	96W	Yes	Indoor / Damp Location	11.25 × 1.9 × 3.75 in.

12V OMNIDRIVE® BASICS

OUTPUT	SKU	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS
12 VDC	DI-ODBELV-12V60W	60W	Yes	Indoor / Damp Location	4.2 × 1.75 × 0.96 in.
	DI-ODBELV-12V60W-LPELV	60W	Yes	Indoor / Damp Location	5.5 × 0.96 × 4.7 in.

*Note: OMNIDRIVE® Basics is not for use with VALENT®, VALENT® X, AlphaTECH® X, or GRAZE X™ lighting.

MAGNETIC LOW VOLTAGE DIMMABLE DRIVER



All-purpose dimmable driver for everyday tape light projects.



FEATURES & BENEFITS

- Compatible with many dimmers, on/off switches
- Recommended with Diode LED tape light

QUICK SPECS

Environment	Indoor / Outdoor
Input Voltage	120VAC & 277VAC models
Output Voltage	12VDC & 24VDC models
Connection Type	Hardwired
Warranty	5-Year Warranty
Dimming	Forward Phase Dimming
Certification	ETL Listed

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

24V MAGNETIC DIMMABLE DRIVER

INPUT	OUTPUT	SKU	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS
120VAC	24 VDC	DI-MLV-24V20W	20W	Yes	Indoor / Outdoor	2.2 x 2.2 x 5.7 in.
		DI-MLV-24V40W	40W	Yes	Indoor / Outdoor	2.2 x 2.2 x 5.7 in.
		DI-MLV-24V60W	60W	Yes	Indoor / Outdoor	2.6 x 2.3 x 6.6 in.
		DI-MLV-24V96W	96W	Yes	Indoor / Outdoor	2.6 x 2.3 x 6.6 in.
		DI-MLV-24V150W	150W	No	Indoor / Outdoor	2.8 x 3.1 x 9.8 in.
		DI-MLV-24V200W	200W	No	Indoor / Outdoor	3.0 x 3.0 x 9.8 in.
		DI-MLV-24V300W	300W	No	Indoor / Outdoor	4.2 x 3.5 x 9.8 in.
		DI-MLV-24V192W-MT	Multi-Tap 192W (2x96W)	No	Indoor / Outdoor	4.2 x 3.2 x 9.8 in.
277VAC	24 VDC	DI-MLV-24V288W-MT	Multi-Tap 288W (3x96W)	No	Indoor / Outdoor	4.2 x 3.2 x 9.8 in.
		DI-MLV-24V20W-277	20W	Yes	Indoor / Outdoor	2.2 x 2.2 x 5.7 in.
		DI-MLV-24V40W-277	40W	Yes	Indoor / Outdoor	2.2 x 2.2 x 5.7 in.
		DI-MLV-24V96W-277	96W	Yes	Indoor / Outdoor	3.0 x 3.0 x 9.8 in.
		DI-MLV-24V200W-277	200W	No	Indoor / Outdoor	4.2 x 3.5 x 9.8 in.
		DI-MLV-24V300W-277	300W	No	Indoor / Outdoor	4.2 x 3.5 x 9.8 in.

12V MAGNETIC DIMMABLE DRIVER

INPUT	OUTPUT	SKU	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS
120VAC	12 VDC	DI-MLV-12V20W	20W	Yes	Indoor / Outdoor	2.2 x 2.2 x 5.7 in.
		DI-MLV-12V40W	40W	Yes	Indoor / Outdoor	2.2 x 2.2 x 5.7 in.
		DI-MLV-12V60W	60W	Yes	Indoor / Outdoor	2.6 x 2.3 x 6.6 in.
		DI-MLV-12V100W	100W	No	Indoor / Outdoor	2.8 x 3.1 x 9.9 in.
		DI-MLV-12V150W	150W	No	Indoor / Outdoor	2.8 x 3.1 x 9.8 in.
		DI-MLV-12V200W	200W	No	Indoor / Outdoor	3.0 x 3.0 x 9.8 in.
		DI-MLV-12V300W	300W	No	Indoor / Outdoor	4.2 x 3.5 x 9.8 in.

MIKRODIM™ ELECTRONIC DIMMABLE DRIVER



A compact, dimmable power supply with no minimum load. State-of-the-art design is patented with built-in short circuit protection and industry-leading dimming performance.



FEATURES & BENEFITS

- No minimum load
- Compact design
- ELV Dimming

QUICK SPECS

Environment	Indoor
Input Voltage	120VAC
Output Voltage	12VDC & 24VDC models
Connection Type	Bare Wire Leads
Warranty	5-Year Warranty
Dimming	ELV Dimming
Certification	UL Component Recognized, UL Listed with Junction Box

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

24V MIKRODIM™

OUTPUT	SKU	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS
24 VDC	DI-MKD-24V60W (Driver Only)	60W	Yes	Indoor / Damp Location	3.0 × 1.3 × 1.0 in.
	DI-MKD60W-24-LPMKD (Driver with Junction Box)	60W	Yes	Indoor / Damp Location	4.25 × 4.34 × 1.48 in.

12V MIKRODIM™

OUTPUT	SKU	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS
12 VDC	DI-MKD-12V60W (Driver Only)	60W	Yes	Indoor / Damp Location	3.0 × 1.3 × 1.0 in.
	DI-MKD60W-12-LPMKD (Driver with Junction Box)	60W	Yes	Indoor / Damp Location	4.25 × 4.34 × 1.48 in.

*Note: MikroDIM™ is not for use with VALENT®, VALENT® X, AlphaTECH® X, or GRAZE X™ lighting.

SWITCHEX® DRIVER & DIMMER SWITCH



SWITCHEX® combines an LED dimmer switch and LED driver into a single integrated unit. SWITCHEX® accepts 120VAC input and converts it to 24V or 12V DC, all within a standard gang box. With power options up to 100W, it is a true evolutionary step forward for LED lighting. Installations can be simpler with fewer components and no need to conceal a remote LED driver.



24
VDC

12
VDC

TITLE
24

FEATURES & BENEFITS

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

QUICK SPECS

Environment	Indoor
Input Voltage	120VAC
Output Voltage	12VDC & 24VDC models
Connection Type	Hardwired
Warranty	5-Year Limited Warranty
Dimming	Dimmable
Certification	UL Listed 2108

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

24V SWITCHEX® DRIVER & DIMMER SWITCH

INPUT	OUTPUT	SKU	WATTAGE	CLASS 2	ENVIRONMENT
120VAC	24 VDC	DI-24V-SE-60W	60W	Yes	Indoor / Dry Location
		DI-24V-SE-100W	100W	Yes	Indoor / Dry Location

12V SWITCHEX® DRIVER & DIMMER SWITCH

INPUT	OUTPUT	SKU	WATTAGE	CLASS 2	ENVIRONMENT
120VAC	12 VDC	DI-12V-SE-40W	40W	Yes	Indoor / Dry Location
		DI-12V-SE-60W	60W	Yes	Indoor / Dry Location

CONSTANT VOLTAGE LED DRIVERS



Constant Voltage LED Drivers are the driver of choice to pair with 120V-277V switches, low voltage REIGN Dimmers, and RGB/DMX Controls. This hardwired LED power supply is available in multiple form factors and voltage/wattage combinations to meet your low-voltage LED lighting needs.



24 VDC **12 VDC**

FEATURES & BENEFITS

- Hardwire
- Indoor and outdoor models
- Dimmable with PWM dimmers on select models
- Works with REIGN® low-voltage dimmers

QUICK SPECS

Environment	Indoor / Outdoor
Input Voltage	120 / 240 / 277VAC
Output Voltage	12VDC & 24VDC
Connection Type	Hardwired
Warranty	5-Year Warranty
Dimming	PWM
Certification	UL Listed, UL Component Recognized

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

CONSTANT VOLTAGE LED DRIVER

OUTPUT	SKU	INPUT	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS
24 VDC	DI-0970*	120 / 240VAC	35W	Yes	Indoor / Outdoor	5.83 × 1.57 × 1.18 in.
	DI-0954*	100 / 277VAC	96W	Yes	Indoor / Outdoor	7.87 × 2.78 × 1.38 in.
	DI-CV-MW24V60W-277*	120 / 240 / 277VAC	60W	Yes	Indoor / Outdoor	5.9 × 2.1 × 1.4 in.
	DI-CV-MW24V90W-277*	120 / 240 / 277VAC	90W	Yes	Indoor / Outdoor	6.75 × 2.5 × 1.5 in.
	DI-CV-24V150W	120VAC	150W	No	Indoor / Outdoor	7.52 × 2.5 × 1.48 in.
	DI-CV-24V200W	100 / 240VAC	200W	No	Indoor / Dry Location	8.46 × 4.53 × 1.18 in.
	DI-CV-24V330W	120VAC	330W	No	Indoor / Dry Location	8.5 × 4.13 × 1.61 in.
12 VDC	DI-0941	100 / 240VAC	12W	Yes	Indoor / Dry Location	3.54 × 1.57 × 1.14 in.
	DI-0904*	100 / 240VAC	20W	Yes	Indoor / Outdoor	4.65 × 1.38 × 1.02 in.
	DI-0939	100 / 240VAC	25W	Yes	Indoor / Dry Location	3.07 × 2.01 × 1.1 in.
	DI-0918*	100 / 240VAC	35W	Yes	Indoor / Outdoor	5.83 × 1.57 × 1.18 in.
	DI-0906*	100 / 240VAC	60W	Yes	Indoor / Outdoor	6.4 × 1.67 × 1.26 in.
	DI-0908	100 / 240VAC	150W	No	Indoor / Dry Location	7.83 × 3.90 × 2.00 in.
	DI-0909	100 / 240VAC	200W	No	Indoor / Dry Location	7.83 × 3.90 × 2.00 in.
	DI-0928	100 / 240VAC	300W	No	Indoor / Dry Location	8.5 × 4.13 × 1.61 in.
	DI-CV-MW12V40W-277*	120 / 240 / 277VAC	40W	Yes	Indoor / Outdoor	5.9 × 2.1 × 1.5 in.
	DI-CV-MW12V60W-277*	120 / 240 / 277VAC	60W	Yes	Indoor / Outdoor	5.9 × 2.1 × 1.4 in.
DI-CV-12V120W	120VAC	120W	No	Indoor / Outdoor	7.5 × 2.5 × 1.5 in.	

VLM SERIES CONSTANT VOLTAGE LED DRIVER

OUTPUT	SKU	INPUT	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS
24 VDC	VLM60W-24*	120 / 277VAC	60W	Yes	Indoor / Outdoor	5.1 × 0.75 × 0.77 in.
	VLM100W-24*	120 / 277VAC	100W	Yes	Indoor / Outdoor	5.38 × 1.0 × 0.77 in.
12 VDC	VLM60W-12*	120 / 277VAC	60W	Yes	Indoor / Outdoor	5.1 × 0.75 × 0.77 in.
	VLM100W-12*	120 / 277VAC	100W	No	Indoor / Outdoor	5.38 × 1.0 × 0.77 in.

*Note: SKUs with an * have junction box options available.

PLUG-IN ADAPTER LED DRIVERS



Portable, light-duty plug-in LED drivers (adapters). Plug-in Adapters convert 120VAC voltage to 12VDC or 24VDC output. An adapter is the right choice for portable installations where hardwiring is not desired.



FEATURES & BENEFITS

- Available in wattages 12W to 96W
- Available in white and black finishes
- Short circuit, over current, over voltage, over temperature protections
- Fanless design / cooling by free-air convection

QUICK SPECS

Environment	Indoor
Input Voltage	120VAC
Output Voltage	12VDC & 24VDC models
Connection Type	DC Plug
Warranty	1-Year Limited Warranty
Dimming	PWM
Certification	UL Listed

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

24
VDC

12
VDC

24V PLUG-IN ADAPTER

INPUT	OUTPUT	SKU	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS
120VAC	24 VDC	DI-PA-24V12W-CL2-B	12W	Yes	Indoor	2.35 × 1.75 × 1.4 in.
		DI-PA-24V12W-CL2-W	12W	Yes	Indoor	2.35 × 1.75 × 1.4 in.
		DI-PA-24V24W-CL2-B	24W	Yes	Indoor	3.8 × 1.75 × 1.4 in.
		DI-PA-24V24W-CL2-W	24W	Yes	Indoor	3.8 × 1.75 × 1.4 in.
		DI-PA-24V48W-CL2-B	48W	No	Indoor	4.70 × 2.00 × 1.25 in.
		DI-PA-24V48W-CL2-W	48W	No	Indoor	4.70 × 2.00 × 1.25 in.
		DI-PA-24V96W-CL2-B	96W	No	Indoor	4.70 × 2.00 × 1.25 in.
		DI-PA-24V96W-CL2-W	95W	No	Indoor	4.70 × 2.00 × 1.25 in.

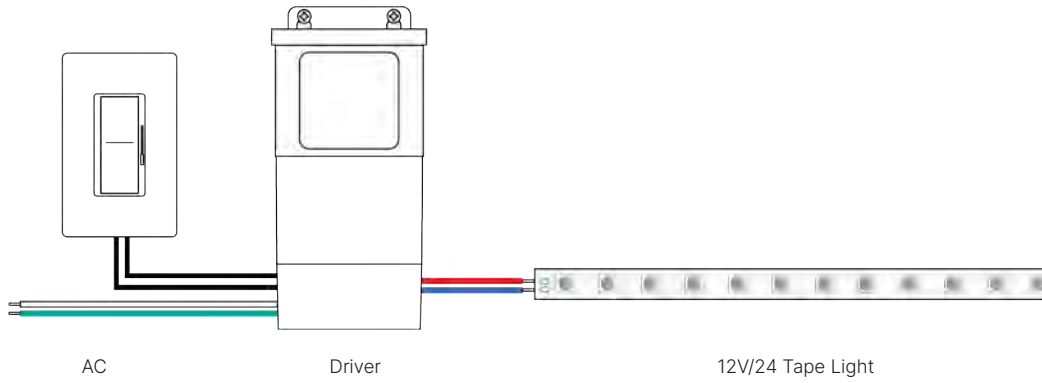
12V PLUG-IN ADAPTER

INPUT	OUTPUT	SKU	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS
120VAC	12 VDC	DI-0936	6W	N/A	Indoor	1.90 × 1.30 × 1.30 in.
		DI-PA-12V6W-CL2-B	6W	Yes	Indoor	1.90 × 1.30 × 1.30 in.
		DI-PA-12V6W-CL2-W	6W	Yes	Indoor	1.90 × 1.30 × 1.30 in.
		DI-PA-12V12W-CL2-B	12W	Yes	Indoor	2.35 × 1.75 × 1.40 in.
		DI-PA-12V12W-CL2-W	12W	Yes	Indoor	2.35 × 1.75 × 1.40 in.
		DI-PA-12V24W-CL2-B	24W	Yes	Indoor	3.80 × 1.75 × 1.40 in.
		DI-PA-12V24W-CL2-W	24W	Yes	Indoor	3.80 × 1.75 × 1.40 in.
		DI-PA-12V36W-CL2-B	36W	Yes	Indoor	3.8 × 1.75 × 1.4 in.
		DI-PA-12V36W-CL2-W	36W	Yes	Indoor	3.8 × 1.75 × 1.4 in.
		DI-PA-12V60W-CL2-B	60W	Yes	Indoor	4.70 × 2.00 × 1.25 in.
		DI-PA-12V60W-CL2-W	60W	Yes	Indoor	4.70 × 2.00 × 1.25 in.
		DI-0913	60W	N/A	Indoor	4.70 × 2.00 × 1.25 in.

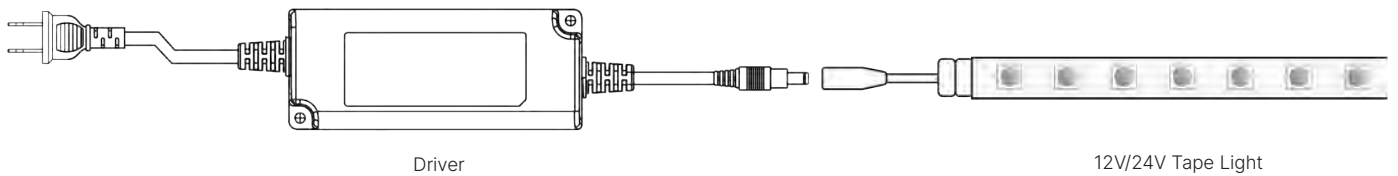
BASIC WIRING DIAGRAMS

LED DRIVERS

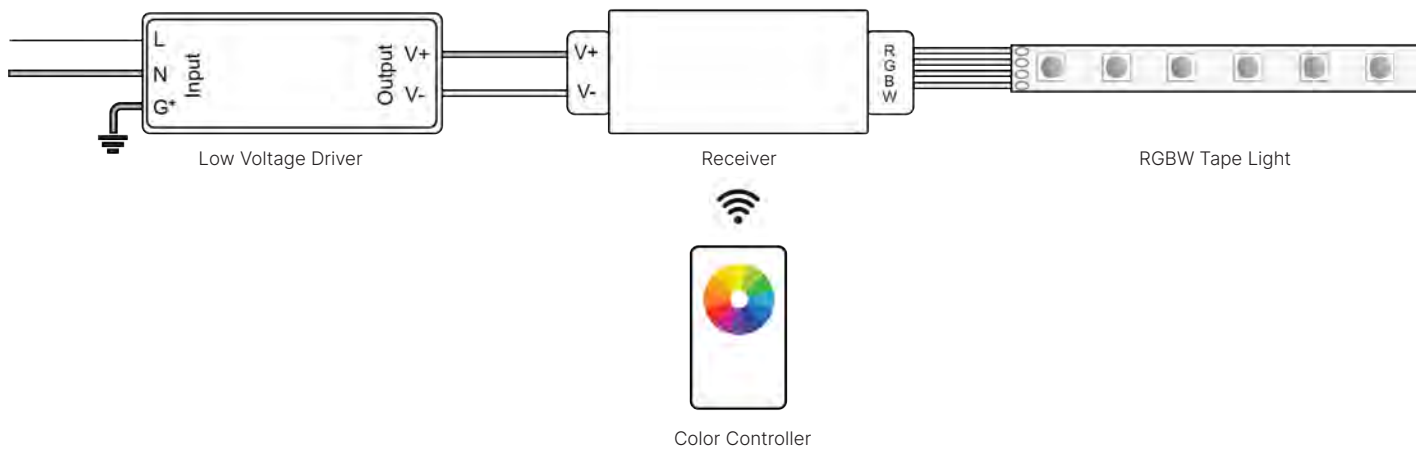
HARDWIRED DIMMABLE SYSTEM DIAGRAM



PLUG-IN SYSTEM DIAGRAM



COLOR CHANGING SYSTEM DIAGRAM





diodeled





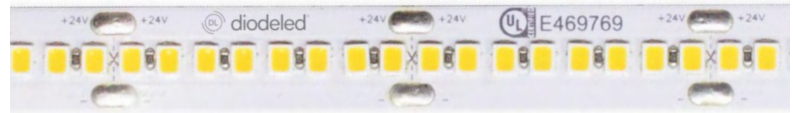
RESOURCES

Diode LED makes linear lighting easy. Learn more about configuration, key terms, and applications, as well as review our product SKU index.

HOW TO CONFIGURE WITH DIODE LED

STEP 1: FIND YOUR LIGHT

Discover the right light for your application.



STEP 2: MAKE YOUR CONNECTIONS

Make solid connections with Terminal Block Connectors.



STEP 3: CUSTOMIZE YOUR FIXTURE

Select an optional channel profile to add a professional finish to your installation.



STEP 4: POWER & CONTROL

Power, dim, and control your light with durable, reliable LED drivers and control systems.



WORDS TO KNOW

GLOSSARY OF INDUSTRY TERMS

BEAM ANGLE	The measure of light spread from a source in degrees.	IP RATING SYSTEM	Ingress Protection (IP) ratings denote the resistance of a product against the intrusion of dust or liquids.
CCT (CORRELATED COLOR TEMPERATURE)	Represents the color of white light, which can be warm like candlelight or cool like daylight and many colors in-between; measured in Kelvin (K).	JUNCTION BOX	An electrical enclosure that safely houses power supply wire connectors and splices.
CHANNEL PROFILE	Extrusion used to protect and diffuse LED light while also providing a more finished and professional look.	KELVIN (K)	The primary unit of temperature in the International System of Units, used in lighting as a measure of CCT. Examples included 2000K, 2700K, 3500K, etc.
CLASS 2	Type of power supply that is designed to limit the amount of output power to 100 watts or less and is considered safe for use in household appliances and electronic devices.	LENS	A transparent material shaped to manipulate and diffuse light rays as they pass through it.
CONTROL SYSTEM	Manages, commands, directs, or regulates the behavior of other devices or systems using control loops.	LM79 REPORTS	Photometric reports that measure quality characterization metrics such as CRI and Gamut.
CRI (COLOR RENDERING INDEX)	A measure of how accurately a light source displays colors on a scale from 1 to 100, with 100 representing daylight. Examples include 90+, 95+, 98+ CRI.	LUMEN OUTPUT	A measure that refers to the total quality of visible light emitted by a source.
CUT POINTS	The specified points at which it is feasible to cut LED tape light in the field.	MAX. RUN	The maximum length of tape or strip light that can be supported by a single lead wire.
DMX (DIGITAL MULTIPLEX)	A unidirectional system used to remotely control intelligent lighting fixtures.	NEMA 3R	Designation that indicates an electrical enclosure is suitable for use outdoors.
DIFFUSION	The scattering of light to reduce glare and enhance lighting performance.	NSF	An organization that ensures products are certifiably safe for use in food preparation environments.
DRIVER	A power source that is responsible for transforming and rectifying power to an LED light.	SKU BUILDER	A tool used by Diode LED to identify the array of options associated with a certain product, including voltage, model, CCT, length, and lumen output.
ETL LISTED	The ETL Mark is proof of product compliance to North American safety standards; a safety certification.	TAPE LIGHT TERMINAL BLOCK CONNECTOR	A product used to complete a circuit between pieces of tape or to establish a tape-to-wire connection.
FACTORY ASSEMBLY	A service provided by Diode LED that allows customers to request fully assembled fixtures, tape and strip lights, and channels.	TITLE 24	A California energy code designed to reduce wasteful and unnecessary energy consumption in newly constructed and existing buildings.
FOOT-CANDLE (fc)	A unit of illumination equal to that given by a source of one candela at a distance of one foot; equivalent to one lumen per square foot or 10.764 lux.	UL LISTED	The UL Listed designation is proof of product compliance to North American safety standards; a safety certification.
GRAZING	The use of light to accentuate the features of textured surfaces, such as wave or brick walls.	VDC	Direct Current Voltage is a type of voltage in which a current maintains constant polarity. Examples include 24VDC, 12VDC, etc.
HEAT SINK	A device for extracting excessive or unwanted heat.	VOLTAGE DROP	The amount of voltage loss that occurs through all or part of a circuit due to impedance.
INSTALL GUIDES	Document of step-by-step directions regarding how to install low voltage LED tape light, including safety information and warnings.		

LIGHTING APPLICATIONS

HOW TO SELECT THE RIGHT PRODUCT



COVE

The small size, high light output, and efficiency of Diode LED flexible linear lighting is ideal for cove lighting. Pair with a driver that works with your dimmer or control system.

SUGGESTED PRODUCTS

- BLAZE™ LED Tape Light
- VALENT® LED Tape Light
- VALENT® X LED Tape Light
- NEON BLAZE™ Diffused LED Lighting

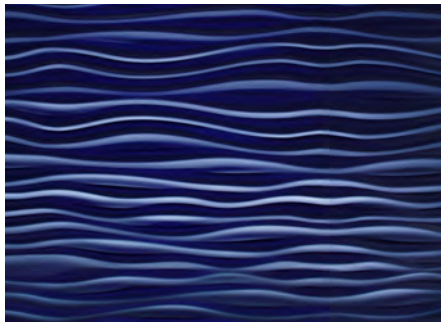


OUTDOOR

Rugged, waterproof, and UV-resistant options for outdoor use.

SUGGESTED PRODUCTS

- AlphaTECH® X Linear LED Lighting
- BLAZE™ Wet Location LED Tape Light
- VALENT® Wet Location LED Tape Light



GRAZING

Sharp, precise grazing accentuates the details of textured surfaces.

SUGGESTED PRODUCTS

- GRAZE X™ Linear Grazer Fixture
- OPTICS by Diode LED



MILLWORK

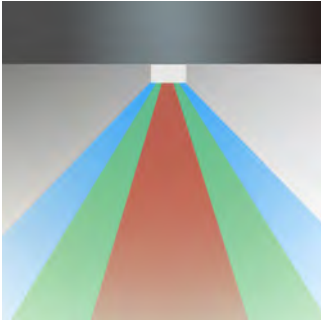
Compact linear lighting is ideal for illuminating millwork, work surfaces, and products on display.

SUGGESTED PRODUCTS

- BLAZE™ LED Tape Light
- VALENT® LED Tape Light
- VALENT® X LED Tape Light

LIGHTING APPLICATIONS // How to Select the Right Product

Use this guide to help you select the right product for every application.



DYNAMIC

Dynamic color selection at the touch of a button.

SUGGESTED PRODUCTS

- NEON BLAZE™ Diffused LED Lighting
- VALENT® RGBW LED Tape Light
- DAZZLE® LED Tape Light



SPA, SHOWER, & POOL

These special, wet-location applications necessitate waterproof products. Also, the UL676 rating is required for lights near swimming pools and fountains.

SUGGESTED PRODUCTS

- AlphaTECH® X Linear LED Lighting
- BLAZE™ Wet Location LED Tape Light
- VALENT® Wet Location LED Tape Light



HANDRAIL & PATH

Outdoor lighting that effectively illuminates pathways and handrails.

SUGGESTED PRODUCTS

- AlphaTECH® X Linear LED Lighting
- BLAZE™ Wet Location LED Tape Light
- VALENT® Wet Location LED Tape Light



UNDER CABINET & TASK

Essential for every application that requires a well lit workspace.

SUGGESTED PRODUCTS

- BLAZE™ LED Tape Light
- VALENT® LED Tape Light

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