



diode led[®]

a division of elemental LED

2020 Diode LED Product Catalog

2020

LED LIGHTING
SOLUTIONS

C O M P A N Y H I G H L I G H T S

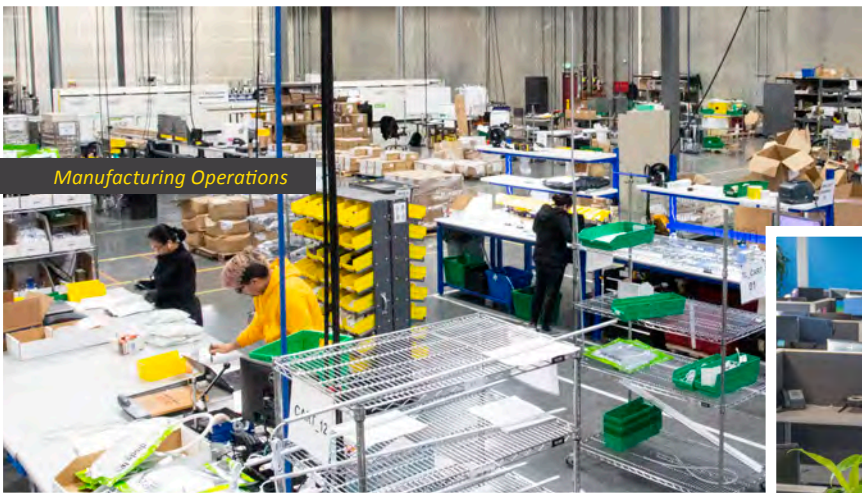
Elemental LED is proud of our entrepreneurial, spirited, and passionate company culture. We believe that providing a superior customer experience starts with engaged and happy employees. It's just as important to cultivate knowledge and nurture creativity in our people as it is to listen to their ideas and then implement them. Our philosophy is simple— happy employees make happy customers.



Blood drive event hosted by the Elemental LED Culture Committee



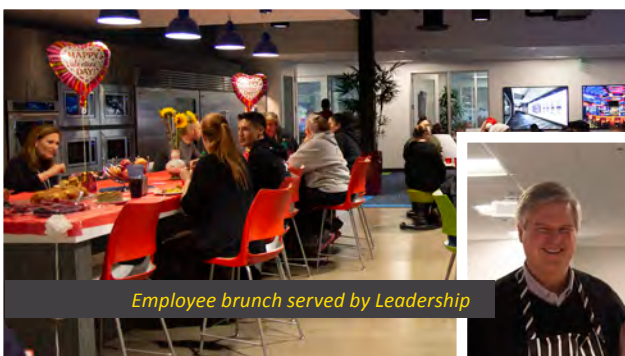
Angel Tree donation gifts by employees



Manufacturing Operations

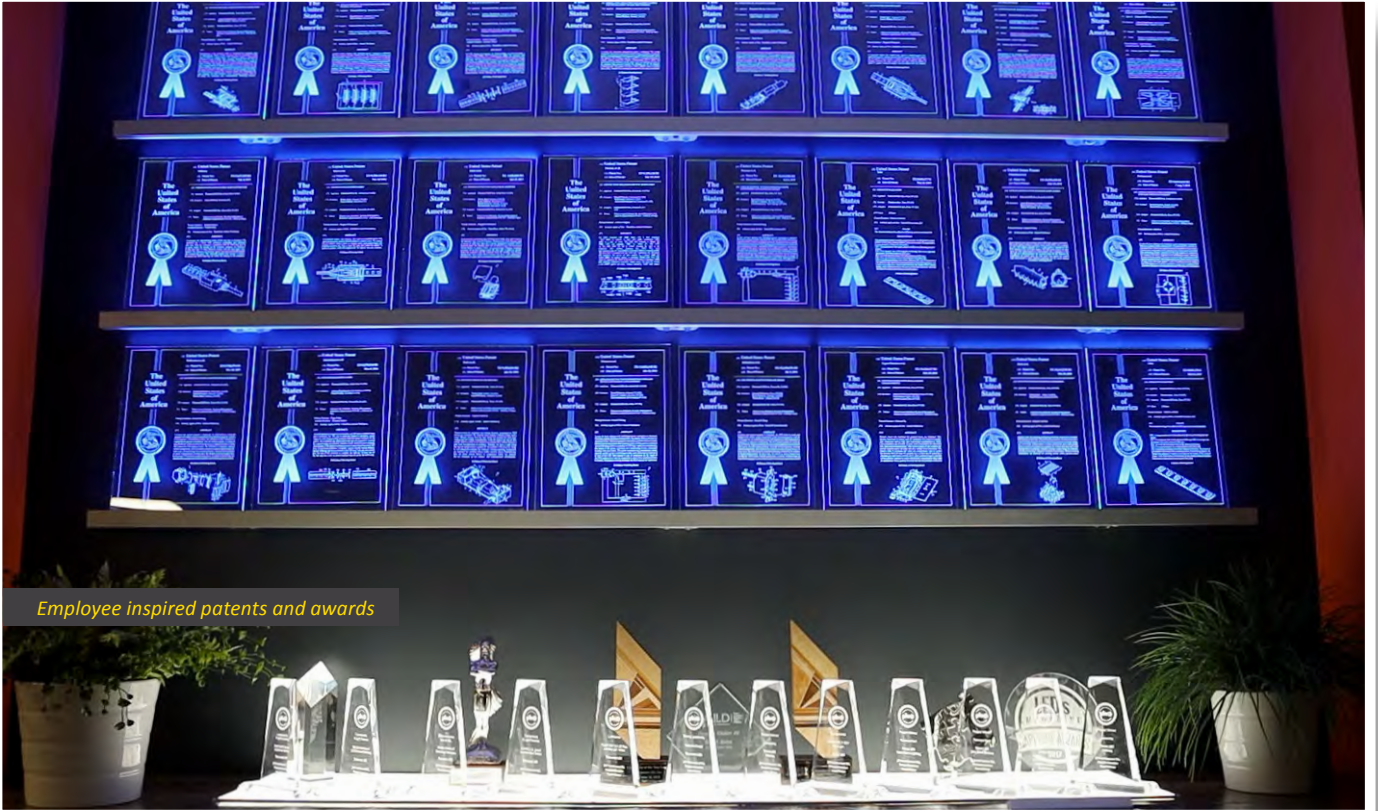


*Community tour
Credit: Insight Studio*

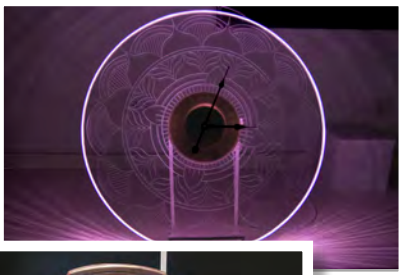
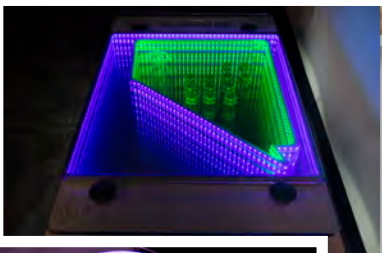


Employee brunch served by Leadership





Employee inspired patents and awards



Employee DIY competition entries



Social event with customers



Hands on customer training at the Diode LED Innovation Center



Luke Lamp Co.
BLAZE™ X

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QUALITY OF LIGHT

THE IMPORTANCE OF QUALITY COLOR RENDERING

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

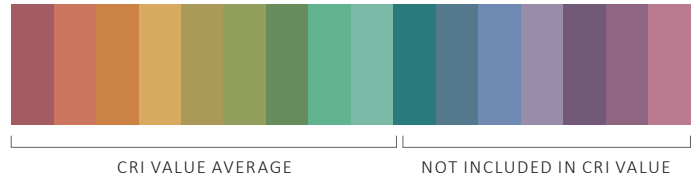


A FAMILIAR COLOR RENDERING TOOL: CRI

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

A BRIEF LOOK INTO TM-30: THE NEXT GENERATION OF COLOR RENDERING

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



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

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

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

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

CRI VS TM-30 RENDERING TOOLS

CIE 13.3-1995 (CRI/Ra)

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

IES TM-30-18

- Released in 2018
- 99 color samples
- Measures Fidelity (Rf), Gamut (Rg), and includes Color Vector Graphic for detailed hues

TM-30 COLOR CHART

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

SO WHAT TM-30 IS BEST FOR MY APPLICATION?

TM-30 isn't about good or bad. It's a guide to what is best suitable for your application in reflection to materials, appearance, and color themes. A room with a lot of warmth and textures will be seeking less variances in the red spectrum while a room with a colder and smoother textures will want a focus on blue spectrum. The quality of the light doesn't change, but the focus of the quality matches the intended usage.

CERTIFICATIONS & COMPLIANCE

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

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

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

CODE COMPLIANCE



Title 24, Part 6

2019 building energy efficiency standards for residential and non-residential buildings.

JA8

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

JA10

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

PRODUCT SAFETY CERTIFICATION



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



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



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



Intertek Laboratories ETL Listed Mark for the United States and Canada.



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



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



Panic Lighting
Columbus, OH



Acropolis Lighting
San Luis Obispo, CA

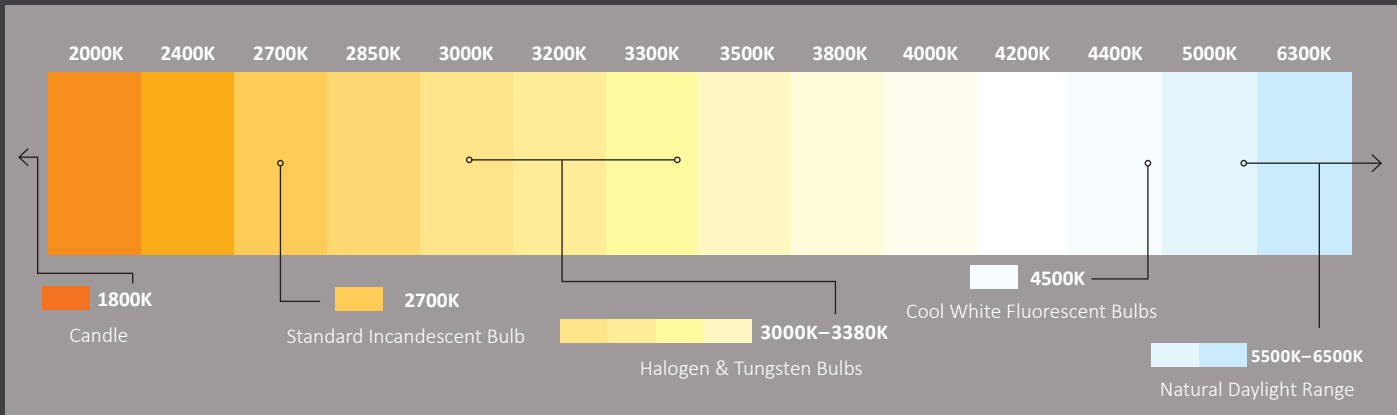
LED LINEAR LIGHTING

Diode LED is America's Largest producer of low-voltage LED Linear Lighting. We offer energy efficient, stylish, and modern solutions for cove, under-cabinet, display, and other accent lighting applications. Our flexible LED linear lighting is UL Listed with field cuttable options. Our long-life, flexible linear lighting solutions are easily mounted on most surfaces and offered in your choice of LED density, brightness and color temperature along with color-changing and waterproof capabilities. Our LED neon, LED tape, and LED strip lights are certified in multiple categories for all residential and commercial applications.

QUALITY OF LIGHT





Diode LED tape light is available in a wide variety of color temperatures and accurately replicates everything from traditional incandescent lighting to natural daylight. At every color temperature, Diode LED tape light is engineered for precise, true-to-life color rendering. Sources with poor color rendering will cause objects to appear dull and under saturated or overly saturated and unnatural. Strict manufacturing processes and rigorous testing, outlined below, are used to guarantee that colors are rendered vibrantly and true.

WHITE LIGHT SPECTRUM






PHOTOMETRIC EVIDENCE

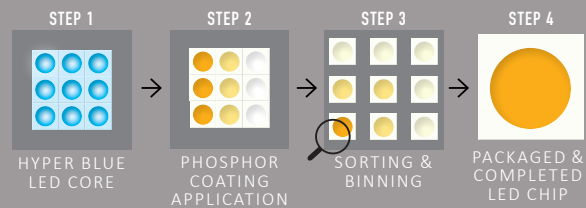
LED Lighting performance data comes in many forms. Diode LED relies on **LM-79 Reports** and **TM-30 Metrics** for photometric and performance evaluation of solid-state lighting products. The data is presented in a standardized and regulated formula by IES, the Illumination Engineering Society. This data covers many specifications including the items mentioned below.


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

PRECISION MANUFACTURING

PRODUCTION OF DIODE LED TAPE LIGHT STARTS WITH TAILORED PHOSPHOR BLENDS AND 2 STEP BINNING FOR OPTIMAL PERFORMANCE AND SUPERIOR LIGHT QUALITY

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



 To learn more, visit our website at www.DiodeLED.com/quality-of-light

COMPUTERIZED MANUFACTURING VS. HAND MADE MANUFACTURING



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



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



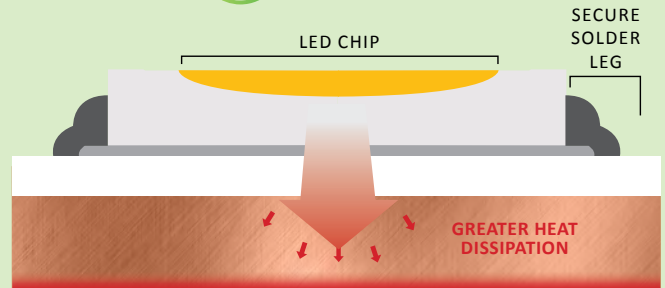
SORTING & BINNING. Each LED chip is sorted and measured by high-precision cameras and computer systems to collect LEDs into batches for accuracy of Correlated Color Temperature (CCT) and Color Rendering Index (CRI) measurements.

GREAT TAPE LIGHT STARTS WITH THE FOUNDATION

Diode LED engineering and manufacturing delivers reliable, high-performing circuit boards offering industry-leading durability and features, including the market's longest maximum run tape light and the most trusted warranty guarantee of 12 years.



DIODE LED TAPE LIGHT



PURPOSE BUILT CIRCUIT BOARDS FOR VARIED AND SPECIFIC APPLICATIONS IN ALL ENVIRONMENTS

MATERIAL COMPOSITION



diode led

- Longest max runs available up to 70 ft.
- Consistent lumen output throughout tape light
- Unrivaled heat dissipation

COMPETITION

- Max run 30 ft. average
- Inconsistent lumen output
- Pre-mature failure from lack of material quality

MANUFACTURING PROCESS



diode led

- Longest warranty available in the industry up to 12 years
- Consistent CCT output throughout tape light
- High build quality product = Less returns + Less cost

COMPETITION

- 7 years or less limited warranty
- CCT output differs noticeable throughout tape light
- Low cost product = Poor build quality + More returns

INTERESTING FACTS



diode led

- Designed by Diode LED's Engineering Team from start to finish
- Proprietary phosphor formulas for consistent CCTs
- Quality control performed at all stages of manufacturing

COMPETITION

- Outsourced development with no control
- Mystery raw materials for unknown reliability and performance
- Quality control performed when in consumer's hands

LINEAR LED LIGHTING COMPARISON CHART

X-RANGE™

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

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



BLAZE™ X LED Tape Light

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100 LUMEN RANGE		12VDC Max. Run: 37 ft. Cut Points: 2 in. Wattage: 1.5W/ft.	24VDC Max. Run: 70 ft. Cut Points: 4 in. Wattage: 1.5W/ft.
CCT	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.
2400K	110		114
2700K	109		112
3000K	122		126
3500K	126		131
4200K	127		133
5000K	128		135
6300K	133		139

200 LUMEN RANGE		12VDC Max. Run: 22 ft. Cut Points: 1 in. Wattage: 3.1W/ft.	24VDC Max. Run: 45 ft. Cut Points: 2 in. Wattage: 3.1W/ft.
CCT	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.
2400K	225		226
2700K	221		224
3000K	247		253
3500K	241		254
4200K	254		264
5000K	262		264
6300K	273		276

300 LUMEN RANGE		12VDC Max. Run: 20 ft. Cut Points: 1 in. Wattage: 4.3W/ft.	24VDC Max. Run: 40 ft. Cut Points: 2 in. Wattage: 4.3W/ft.
CCT	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.
2400K	318		322
2700K	305		318
3000K	339		360
3500K	352		357
4200K	349		365
5000K	358		378
6300K	380		393

BLAZE™ X Wet Location LED Tape Light

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100 LUMEN RANGE		12VDC Max. Run: 37 ft. Cut Points: 2 in. Wattage: 1.5W/ft.	24VDC Max. Run: 70 ft. Cut Points: 4 in. Wattage: 1.5W/ft.
CCT	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.
2400K	99		103
2700K	101		108
3000K	110		117
3500K	109		116

200 LUMEN RANGE		12VDC Max. Run: 22 ft. Cut Points: 1 in. Wattage: 3.1W/ft.	24VDC Max. Run: 45 ft. Cut Points: 2 in. Wattage: 3.1W/ft.
CCT	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.
2400K	203		204
2700K	199		212
3000K	211		226
3500K	217		235

300 LUMEN RANGE		12VDC Max. Run: 20 ft. Cut Points: 1 in. Wattage: 4.3W/ft.	24VDC Max. Run: 40 ft. Cut Points: 2 in. Wattage: 4.3W/ft.
CCT	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.
2400K	290		285
2700K	277		304
3000K	310		321
3500K	308		320



LINEAR LED LIGHTING COMPARISON CHART

X-RANGE™



VALENT® X LED Tape Light

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- Tight-pitch LEDs
- 95+ CRI/ 90+ R9
- High output lumen range

100 LUMEN RANGE		24VDC Max. Run: 80 ft. Cut Points: 1.32 in. Wattage: 1.0W/ft.
CCT	LUMENS / FT.	
2400K	104	
2700K	101	
3000K	106	
3500K	108	
4200K	112	
5000K	116	
6300K	112	

500 LUMEN RANGE		24VDC Max. Run: 30 ft. Cut Points: 1.32 in. Wattage: 4.6W/ft.
CCT	LUMENS / FT.	
2400K	469	
2700K	495	
3000K	557	
3500K	586	
4200K	550	
5000K	592	
6300K	578	

200 LUMEN RANGE		24VDC Max. Run: 53 ft. Cut Points: 1.32 in. Wattage: 1.9W/ft.
CCT	LUMENS / FT.	
2400K	194	
2700K	207	
3000K	218	
3500K	218	
4200K	228	
5000K	242	
6300K	244	

800 LUMEN RANGE		24VDC Max. Run: 19 ft. Cut Points: 1.32 in. Wattage: 7.2W/ft.
CCT	LUMENS / FT.	
2400K	730	
2700K	782	
3000K	853	
3500K	906	
4200K	850	
5000K	840	
6300K	924	

300 LUMEN RANGE		24VDC Max. Run: 41 ft. Cut Points: 1.32 in. Wattage: 2.8W/ft.
CCT	LUMENS / FT.	
2400K	299	
2700K	311	
3000K	323	
3500K	328	
4200K	342	
5000K	365	
6300K	363	

VALENT® X Wet Location LED Tape Light

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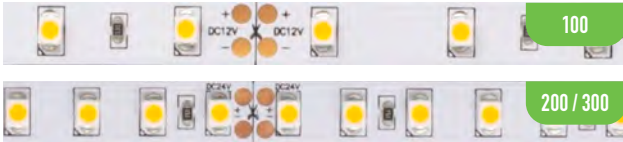
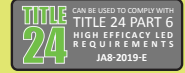
500 LUMEN RANGE		24VDC Max. Run: 30 ft. Cut Points: 1.32 in. Wattage: 4.6W/ft.
CCT	LUMENS / FT.	
2400K	466	
2700K	437	
3000K	469	
3500K	492	

LINEAR LED LIGHTING COMPARISON CHART

BLAZE™ BASICS

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

- 7-Year warranty
- 90+ CRI
- General lighting
- Competitive price



BLAZE™ BASICS LED Tape Light

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100 LUMEN RANGE		12VDC Max. Run: 27 ft. Cut Points: 2 in. Wattage: 1.4W/ft.	24VDC Max. Run: 55 ft. Cut Points: 4 in. Wattage: 1.4W/ft.
CCT	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.
2700K	117		113
3000K	121		117
3500K	117		126
4200K	131		133
5000K	130		132
6300K	121		123

200 LUMEN RANGE		12VDC Max. Run: 20 ft. Cut Points: 1 in. Wattage: 2.9W/ft.	24VDC Max. Run: 40 ft. Cut Points: 2 in. Wattage: 2.9W/ft.
CCT	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.
2700K	212		233
3000K	221		237
3500K	236		249
4200K	252		265
5000K	256		261
6300K	252		266

300 LUMEN RANGE		24VDC Max. Run: 22 ft. Cut Points: 2 in. Wattage: 4.5W/ft.
CCT	LUMENS / FT.	LUMENS / FT.
2700K	338	
3000K	344	
3500K	329	
4200K	344	
5000K	338	
6300K	341	

BLAZE™ BASICS Wet Location LED Strip Light

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100 LUMEN RANGE		12VDC Max. Run: 27 ft. Cut Points: 2 in. Wattage: 1.4W/ft.	24VDC Max. Run: 55 ft. Cut Points: 4 in. Wattage: 1.4W/ft.
CCT	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.
2700K	107		106
3000K	116		114
5000K	116		114

200 LUMEN RANGE		12VDC Max. Run: 20 ft. Cut Points: 1 in. Wattage: 2.9W/ft.	24VDC Max. Run: 40 ft. Cut Points: 2 in. Wattage: 2.9W/ft.
CCT	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.
2700K	206		209
3000K	221		226
5000K	227		224

300 LUMEN RANGE		24VDC Max. Run: 22 ft. Cut Points: 2 in. Wattage: 4.5W/ft.
CCT	LUMENS / FT.	LUMENS / FT.
2700K	331	
3000K	337	
5000K	329	





Acropolis Lighting
San Luis Obispo, CA

ACCENT LIGHTING IS

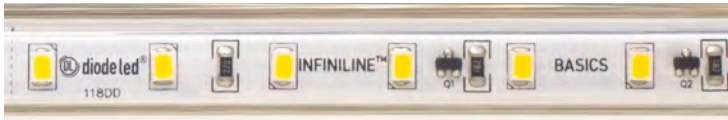


Custom Electric Inc.
Waterloo, NE

ALL AROUND US



Acropolis Lighting
San Luis Obispo, CA



Our patented INFINILINE X LED Strip Light is a complete and robust solution for large-scale and commercial applications. *Plug-in or hard-wired connections available.*

INFINILINE® BASICS 120V LED Strip Light

Page 30

CCT*

Value engineered for ambient or accent lighting.

Voltage: 120VAC
Max Run: 164 ft
Length Increments: Every 8 in.
CRI: 90+

LUMENS / FT.

2700K	289
3000K	300
3500K	308
4000K	
4200K	358
4500K	
6000K	

INFINILINE® X 120V LED Strip Light

Page 30

Premium engineered for architectural, luxury, and hospitality applications .

Voltage: 120VAC
Max Run: 200 ft
Length Increments: Every 4 in.
CRI 95+

LUMENS / FT.

	452
	502
	461
	462
	443
	510



HYDROLUME® SLIM LED Strip Light

Page 38

HYDROLUME® SLIM and SLIM HD LED Strip Light are the ultimate lighting solution for harsh environments. IP65 or IP68 options (UL 676 pool rated).

CCT	HYDROLUME® SLIM	24VDC Max. Run: 65 ft. Cut Points: 9.84 in. Wattage: 1.2W/ft.	HYDROLUME® SLIM HD	24VDC Max. Run: 32 ft. Cut Points: 6.88 in. Wattage: 2.4W/ft.
2700K	113		226	
3000K	113		226	
4000K	122		244	
6500K	122		244	
RGB				Wattage: 3W/ft. Max Run: 26 ft. Factory Custom Lengths Only

NEON BLAZE™ LED Linear Light

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



TOP BENDING



SIDE BENDING



CCT	24VDC			24VDC		
	Max Run: 65 ft. Wattage Power: 1.2W/ft.	Max Run: 32 ft. Wattage Power: 2.4W/ft.	Max Run: 16 ft. Wattage Power: 4.4W/ft.	Max Run: 65 ft. Wattage Power: 1.2W/ft.	Max Run: 32 ft. Wattage Power: 2.4W/ft.	Max Run: 16 ft. Wattage Power: 4.4W/ft.
2700K	86	173	248	62	134	208
3000K	102	219	317	65	146	198
3500K	89	178	273	60	120	195
6300K	88	174	266	59	116	173
Green	88	148	151	30	48	78
Blue	18	30	37	6	12	18
Pink	39	93	110	17	37	53
Red	31	61	64	11	21	34
Gold	70	157	184	31	61	84
RGB				Max Run: 65.6 ft. Wattage Power: 1.2W / ft. Factory Custom Lengths Only		
				Max Run: 16.4 ft. Wattage Power: 4.4W / ft. Factory Custom Lengths Only		



DAZZLE® Color Changing LED Light

Page 48-53

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

	DAZZLE® RGB	DAZZLE® RGBW	DAZZLE® RGBW 4D
RGB	24VDC Max. Run: 16.4 ft. Cut Points: 4 in. Wattage: 4.3W/ft.	24VDC	24VDC
RGBW		Max. Run: 20 ft. Cut Points: 8 in. Wattage: 4.3W/ft.	Max. Run: 16.4 ft. Cut Points: 4 in. Wattage: 6.4W/ft.



ACTUAL SIZE

100

200 / 300



Broll Wine Tasting Room,
Murphys, CA

BLAZE X™

LED TAPE LIGHT

The precision engineered BLAZE X is the enhanced LED tape light, leading the industry in lighting performance and quality. BLAZE X has 95+ CRI and higher R-values that provides precision color rendering, superior long-lasting performance, and all with the Diode LED 12-year warranty. BLAZE X comes in a variety of higher efficiency lumen outputs for any application.

FEATURES & BENEFITS

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

QUICK SPECS

Voltage	12VDC & 24VDC
CRI	95+
Warranty	12-Year 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.



BLAZE™ X LED TAPE LIGHT

SPECIFICATIONS & SKU BUILDER

DI	VOLTAGE	MODEL	COLOR	LENGTH
			24 (2400K)	
			27 (2700K)	
			30 (3000K)	
DI	12V (12VDC) 24V (24VDC)	BLX1 (100 Lumen Range) BLX2 (200 Lumen Range) BLX3 (300 Lumen Range)	35 (3500K) 42 (4200K) 50 (5000K) 63 (6300K)	016 (16.4 ft.) 100 (100 ft.)

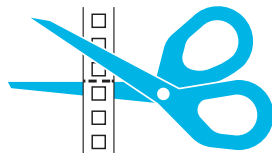
EXAMPLE: 24V BLAZE® X 300 LUMENS 5000K 16.4 FT. SPOOL

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

DI-24V-BLX3-50-016

		100 LUMEN RANGE		200 LUMEN RANGE		300 LUMEN RANGE		
		- 12V - - BLX1 -	- 24V - - BLX1 -	- 12V - - BLX2 -	- 24V - - BLX2 -	- 12V - - BLX3 -	- 24V - - BLX3 -	
		Max. Run: 37 ft. Cut Points: 2 in. Wattage: 1.5W/ft.	Max. Run: 70 ft. Cut Points: 4 in. Wattage: 1.5W/ft.	Max. Run: 22 ft. Cut Points: 1 in. Wattage: 3.1W/ft.	Max. Run: 45 ft. Cut Points: 2 in. Wattage: 3.1W/ft.	Max. Run: 20 ft. Cut Points: 1 in. Wattage: 4.3W/ft.	Max. Run: 40 ft. Cut Points: 2 in. Wattage: 4.3W/ft.	
		CCT	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	
NEW		2400K	110	114	225	226	318	322
		2700K	109	112	221	224	305	318
		3000K	122	126	247	253	339	360
		3500K	126	131	241	254	352	357
		4200K	127	133	254	264	349	365
		5000K	128	135	262	264	358	378
NEW		6300K	133	139	273	276	380	393

TAILORED LENGTHS AVAILABLE
CALL FOR DETAILS



CONNECTORS PAGE 104



CAN BE USED TO COMPLY WITH
JA8 HIGH EFFICACY LED LIGHTING UNDER
2019 TITLE 24, PART 6

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



Panic Lighting
Union, NJ



BLAZE™ X

WET LOCATION

LED TAPE LIGHT

At the center of this wet location linear lighting is the precision engineered BLAZE X LED light engine. BLAZE X wet location has 95+ CRI and high R-values that provides precision color rendering, and is suitable for applications that are prone to splashing, spraying, or rain. Field-cuttable and available in the Diode LED Tailored Lighting Program.

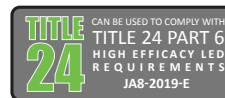
FEATURES & BENEFITS

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

QUICK SPECS

Voltage	12VDC & 24VDC
CRI	95+
Warranty	12-Year Warranty
Dimming	Yes
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.





BLAZE® X WET LOCATION LED TAPE LIGHT

SPECIFICATIONS & SKU BUILDER

DI	VOLTAGE	MODEL	COLOR	LENGTH
DI	12V (12VDC) 24V (24VDC)	BLX1 (100 Lumen Range) BLX2 (200 Lumen Range) BLX3 (300 Lumen Range)	24 (2400K) 27 (2700K) 30 (3000K) 35 (3500K)	W016 (16.4 ft.) W100 (100 ft.)

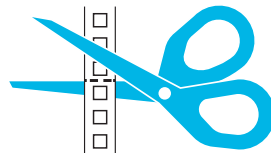
EXAMPLE: 24V BLAZE X 300 LUMENS 3500K WET LOCATION 16.4 FT. SPOOL

DI	24V	BLX3	35	W016
----	-----	------	----	------

DI-24V-BLX3-35-W016

100 LUMEN RANGE		200 LUMEN RANGE		300 LUMEN RANGE	
- 12V -	- 24V -	- 12V -	- 24V -	- 12V -	- 24V -
- BLX1 -	- BLX1 -	- BLX2 -	- BLX2 -	- BLX3 -	- BLX3 -
Max. Run: 37 ft. Cut Points: 2 in. Wattage: 1.5W/ft.	Max. Run: 70 ft. Cut Points: 4 in. Wattage: 1.5W/ft.	Max. Run: 22 ft. Cut Points: 1 in. Wattage: 3.1W/ft.	Max. Run: 45 ft. Cut Points: 2 in. Wattage: 3.1W/ft.	Max. Run: 20 ft. Cut Points: 1 in. Wattage: 4.3W/ft.	Max. Run: 40 ft. Cut Points: 2 in. Wattage: 4.3W/ft.
CCT	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.
2400K	99	103	203	204	285
2700K	101	108	199	212	304
3000K	110	117	211	226	321
3500K	109	116	217	235	320

TAILORED LENGTHS AVAILABLE
CALL FOR DETAILS



CONNECTORS PAGE 104



**CAN BE USED TO COMPLY WITH
JA8 HIGH EFFICACY LED LIGHTING UNDER
2019 TITLE 24, PART 6**

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

ACTUAL SIZE



VALENT[®] X

TIGHT-PITCH

LED TAPE LIGHT

New and improved design with optimal performance and now field-cutttable! VALENT X LED Lighting is a linear lighting solution designed and engineered to provide high quality natural LED light with 95+ CRI and high performing R-values that provides precision color rendering.

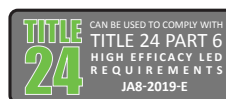
FEATURES & BENEFITS

- Dense LED placement for uninterrupted linear light
- 100, 200, 300, 500, and 800 lumen outputs
- 95+ CRI: Superior color rendering
- New and improved, field cuttable design
- 90+ R9 values color rendering

QUICK SPECS

Voltage	24VDC
CRI	95+
Warranty	12-Year Warranty
Dimming	Yes
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.



VALENT® X LED TAPE LIGHT

SPECIFICATIONS & SKU BUILDER

DI	VOLTAGE	MODEL	COLOR	LENGTH
			24 (2400K)	
		VLX1 (100 Lumen Range)	27 (2700K)	
		VLX2 (200 Lumen Range)	30 (3000K)	
DI	24V (24VDC)	VLX3 (300 Lumen Range)	35 (3500K)	016 (16.4 ft.)
		VLX5 (500 Lumen Range)	42 (4200K)	100 (100 ft.)
		VLX8 (800 Lumen Range)	50 (5000K)	
			63 (6300K)	

EXAMPLE: 24V VALENT X 800 LUMENS 5000K 16.4 FT. SPOOL

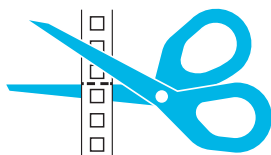
DI	24V	VLX8	50	016
----	-----	------	----	-----

DI-24V-VLX8-50-016

	NEW 100 LUMEN RANGE	NEW 200 LUMEN RANGE	NEW 300 LUMEN RANGE	500 LUMEN RANGE	800 LUMEN RANGE
	- 24V - - VLX1 -	- 24V - - VLX2 -	- 24V - - VLX3 -	- 24V - - VLX5 -	- 24V - - VLX8 -
	Max. Run: 80 ft. Cut Points: 1.32 in. Wattage: 1.0W/ft.	Max. Run: 53 ft. Cut Points: 1.32 in. Wattage: 1.9W/ft.	Max. Run: 41 ft. Cut Points: 1.32 in. Wattage: 2.8W/ft.	Max. Run: 30 ft. Cut Points: 1.32 in. Wattage: 4.6W/ft.	Max. Run: 19 ft. Cut Points: 1.32 in. Wattage: 7.2W/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
 4200K	112	228	342	550	850
 5000K	116	242	365	592	840
 6300K	112	244	363	578	924

Other Lumen Outputs available upon request

TAILORED LENGTHS AVAILABLE
CALL FOR DETAILS



CONNECTORS
PAGE 105





CAN BE USED TO COMPLY WITH
2019 TITLE 24, PART 6
HIGH EFFICACY LED LIGHTING UNDER

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

ACTUAL SIZE



VALENT[®] X

WET LOCATION

TIGHT-PITCH

LED TAPE LIGHT

If you need tight-pitch, high lumen lighting for wet locations, VALENT X is the solution. Designed and engineered to provide high quality natural and diffused flexible linear lighting for any project. VALENT X Wet Location has 95+ CRI and high performing R-values that provide precision color rendering, and is suitable for applications that are prone to splashing, spraying, or rain. Field-cuttable and available in the Diode LED Tailored Lighting Program.

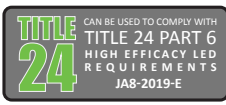
FEATURES & BENEFITS

- Dense LED placement for uninterrupted linear light
- 500 lumen outputs
- 95+ CRI: Superior color rendering
- New and improved, field cuttable design
- High R9–R13 values
- Ultra high lumen output

QUICK SPECS

Voltage	24VDC
CRI	95+
Warranty	12-Year Warranty
Dimmable	Yes
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.





VALENT® X WET LOCATION LED TAPE LIGHT

SPECIFICATIONS & SKU BUILDER

DI	VOLTAGE	MODEL	COLOR	LENGTH
DI	24V (24VDC)	VLX5 (500 Lumen Range)	24 (2400K) 27 (2700K) 30 (3000K) 35 (3500K)	W016 (16.4 ft.) W100 (100 ft.)

EXAMPLE: 24V VALENT X 500 LUMENS 5000K WET LOCATION 16.4 FT. SPOOL

DI	24V	VLX5	50	W016
DI-24V-VLX5-50-W016				

500 LUMEN RANGE

- 24V -

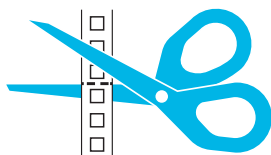
- VLX5 -

Max. Run: 30 ft.
 Cut Points: 1.32 in.
 Wattage: 4.6W/ft.

CCT	LUMENS / FT.
2400K	466
2700K	437
3000K	469
3500K	492

TAILORED LENGTHS AVAILABLE

CALL FOR DETAILS



CONNECTORS PAGE 108



CAN BE USED TO COMPLY WITH
 JA8 HIGH EFFICACY LED LIGHTING UNDER
 2019 TITLE 24, PART 6

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

ACTUAL SIZE

100

200 / 300

BLAZE™ BASICS

LED TAPE LIGHT

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

Keri Swanberg, Village Home Stores
Bettendorf, IA

FEATURES & BENEFITS

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

QUICK SPECS

Voltage	12VDC & 24VDC
CRI	90+
Warranty	7-Year 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.

12VDC

24VDC



BLAZE™ BASICS

SPECIFICATIONS & SKU BUILDER






DI	VOLTAGE	MODEL	LUMEN SERIES	COLOR	LENGTH
				27 (2700K)	
DI	12V (12VDC) 24V (24VDC)	BLBSC	1 (100 Lumen Range) 2 (200 Lumen Range) 3 (300 Lumen Range)	30 (3000K) 35 (3500K) 42 (4200K) 50 (5000K)	016 (16.4 ft.) 100 (100 ft.)

EXAMPLE: 24V BLAZE® BASICS 100 LUMENS 5000K 100 FT. SPOOL

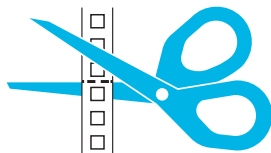
DI	24V	BLBSC	1	50	100
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DI-24V-BLBSC1-50-100

NEW

100 LUMEN RANGE		200 LUMEN RANGE		300 LUMEN RANGE	
- 12V - -BLBSC1-	- 24V - -BLBSC1-	- 12V - -BLBSC2-	- 24V - -BLBSC2-	- 24V - -BLBSC3-	
Max. Run: 27 ft. Cut Points: 2 in. Wattage: 1.5W/ft.	Max. Run: 55 ft. Cut Points: 4 in. Wattage: 1.5W/ft.	Max. Run: 20 ft. Cut Points: 1 in. Wattage: 2.9W/ft.	Max. Run: 40 ft. Cut Points: 2 in. Wattage: 2.9W/ft.	Max. Run: 22 ft. Cut Points: 2 in. Wattage: 4.5W/ft.	
CCT	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.
 2700K	117	113	212	233	338
 3000K	121	117	221	237	344
NEW  3500K	117	126	236	249	329
NEW  4200K	131	133	252	265	344
 5000K	130	132	256	261	338
NEW  6300K	121	123	252	266	341

TAILORED LENGTHS AVAILABLE
CALL FOR DETAILS



CONNECTORS
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CAN BE USED TO COMPLY WITH
JA8 HIGH EFFICACY LED LIGHTING UNDER
2019 TITLE 24, PART 6

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

ACTUAL SIZE

100

200/300

BLAZE™ BASICS

WET LOCATION

LED STRIP LIGHT

BLAZE™ BASICS Wet Location brings moisture protection to the value engineered LED tape light. Just like standard BASICS, it delivers efficient, new circuit design, streamlined manufacturing, and economies to any scale of project. Featuring 90+ CRI, this enhanced tape light family is backed by a 7-year warranty and the well known service and support of Diode LED at an extremely attractive price point.

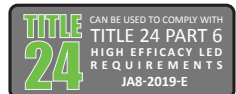
FEATURES & BENEFITS

- Cost-effective
- Ideal for cabinetry, toe kicks, coves, and shelving
- Compatible with Diode LED tape light accessories like SWITCHEX®, OMNIDRIVE®, and much more

QUICK SPECS

Voltage	12VDC & 24VDC
CRI	90+
Warranty	7-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.





BLAZE™ BASICS WET LOCATION LED STRIP LIGHT

SPECIFICATIONS & SKU BUILDER

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

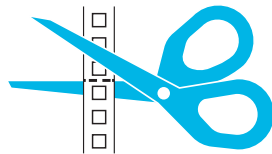
EXAMPLE: 24V BLAZE® BASICS 100 LUMENS 5000K WET LOCATION 100 FT. SPOOL

DI	24V	BLBSC	1	50	W100
----	-----	-------	---	----	------

DI-24V-BLBSC1-50-W100

						NEW
100 LUMEN RANGE		200 LUMEN RANGE		300 LUMEN RANGE		
- 12V -	- 24V -	- 12V -	- 24V -	- 24V -		
- BLBSC1 -	- BLBSC1 -	- BLBSC2 -	- BLBSC2 -	- BLBSC3 -		
Max. Run: 27 ft. Cut Points: 2 in. Wattage: 1.4W/ft.	Max. Run: 55 ft. Cut Points: 4 in. Wattage: 1.4W/ft.	Max. Run: 20 ft. Cut Points: 1 in. Wattage: 2.9W/ft.	Max. Run: 40 ft. Cut Points: 2 in. Wattage: 2.9W/ft.	Max. Run: 22 ft. Cut Points: 2 in. Wattage: 4.5W/ft.		
CCT	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	
2700K	107	106	206	209	331	
3000K	116	114	221	226	337	
5000K	116	114	227	224	329	

TAILORED LENGTHS AVAILABLE
CALL FOR DETAILS



CONNECTORS
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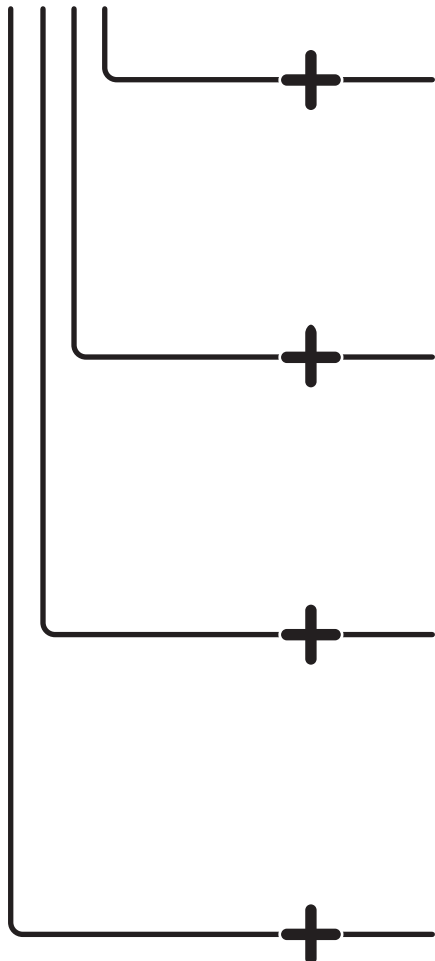
CAN BE USED TO COMPLY WITH
JA8 HIGH EFFICACY LED LIGHTING UNDER
2019 TITLE 24, PART 6

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



BLAZE™ BASICS KITS

Available in 100+ and 200+ Lumen models with top selling CCTs, power supplies, and connectors.



DIMMABLE KIT

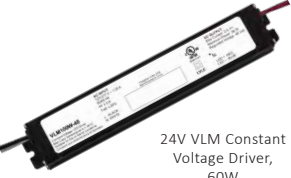


24V OMNIDRIVE
Electric Dimmable
Driver




TERMINAL BLOCK
CONNECTOR,
8mm, 5 pack

CONSTANT VOLTAGE KIT



24V VLM Constant
Voltage Driver,
60W



TERMINAL BLOCK
CONNECTOR,
8mm, 5 pack

SWITCHEX KIT




24V SWITCHEX
Driver & Dimmer
Switch in One,
100W




TERMINAL BLOCK
CONNECTOR,
8mm, 5 pack


PLUG-IN KIT



12V 60W
PLUG-IN ADAPTER



FEMALE ADAPTER
SPLICE CABLE,
5 pack



TERMINAL BLOCK
CONNECTOR,
8mm, 5 pack

BLAZE™ BASICS LED TAPE LIGHT KITS

INVENTORY ESSENTIALS

Diode LED tape light kits featuring BLAZE BASICS paired with our best performing power supply options.

BLAZE BASICS 100 Kits



SKU	CCT	DESCRIPTION
DIMMABLE KIT		
DI-KIT-24V-BC1OM30-2700	2700K	BLAZE Basics 100 LED Tape Light, 24V, 2700K, 16.4' Spool with UL Listed OMNIDRIVE
DI-KIT-24V-BC1OM30-3000	3000K	BLAZE Basics 100 LED Tape Light, 24V, 3000K, 16.4' Spool with UL Listed OMNIDRIVE
CONSTANT VOLTAGE KIT		
DI-KIT-24V-BC1CV60-2700	2700K	BLAZE Basics 100 LED Tape Light, 24V, 2700K, 16.4' Spool with VLM Constant Voltage Driver
DI-KIT-24V-BC1CV60-3000	3000K	BLAZE Basics 100 LED Tape Light, 24V, 3000K, 16.4' Spool with VLM Constant Voltage Driver
SWITCHEX KIT		
DI-KIT-24V-BC1SX60-2700	2700K	BLAZE Basics 100 LED Tape Light, 24V, 2700K, 16.4' Spool with SWITCHEX
DI-KIT-24V-BC1SX60-3000	3000K	BLAZE Basics 100 LED Tape Light, 24V, 3000K, 16.4' Spool with SWITCHEX
PLUG-IN KIT		
DI-KIT-12V-BC1PG60-2700	2700K	BLAZE Basics 100 LED Tape Light, 12V, 2700K, 16.4' Spool with Plug-In Adapter
DI-KIT-12V-BC1PG60-3000	3000K	BLAZE Basics 100 LED Tape Light, 12V, 3000K, 16.4' Spool with Plug-In Adapter

BLAZE BASICS 200 Kits



SKU	CCT	DESCRIPTION
DIMMABLE KIT		
DI-KIT-24V-BC2OM30-2700	2700K	BLAZE Basics 200 LED Tape Light, 24V, 2700K, 16.4' Spool with UL Listed OMNIDRIVE
DI-KIT-24V-BC2OM30-3000	3000K	BLAZE Basics 200 LED Tape Light, 24V, 3000K, 16.4' Spool with UL Listed OMNIDRIVE
CONSTANT VOLTAGE KIT		
DI-KIT-24V-BC2CV60-2700	2700K	BLAZE Basics 200 LED Tape Light, 24V, 2700K, 16.4' Spool with VLM Constant Voltage Driver
DI-KIT-24V-BC2CV60-3000	3000K	BLAZE Basics 200 LED Tape Light, 24V, 3000K, 16.4' Spool with VLM Constant Voltage Driver
SWITCHEX KIT		
DI-KIT-24V-BC2SX60-2700	2700K	BLAZE Basics 200 LED Tape Light, 24V, 2700K, 16.4' Spool with SWITCHEX
DI-KIT-24V-BC2SX60-3000	3000K	BLAZE Basics 200 LED Tape Light, 24V, 3000K, 16.4' Spool with SWITCHEX
PLUG-IN KIT		
DI-KIT-12V-BC2PG60-2700	2700K	BLAZE Basics 200 LED Tape Light, 12V, 2700K, 16.4' Spool with Plug-In Adapter
DI-KIT-12V-BC2PG60-3000	3000K	BLAZE Basics 200 LED Tape Light, 12V, 3000K, 16.4' Spool with Plug-In Adapter

UP TO 200 FT. MAX RUN

Liberty Lighting Group, Inc.
Union, NJ

ACTUAL SIZE



Unparalleled UL Certification & Testing

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

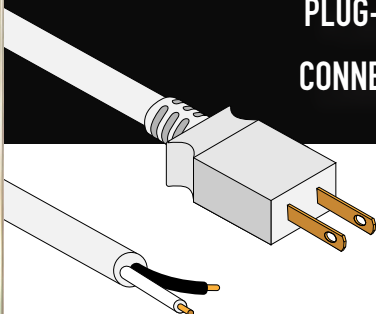
80% SAVINGS
ON INSTALLATION COST OVER MOST
LOW-VOLTAGE LIGHTING SOLUTIONS

INFINILINE®

DRIVERLESS 120VAC
LINEAR LED LIGHTING

Our patented INFINILINE LED lighting is an easy to install and robust solution for large-scale applications. The driverless AC power design brings intuitive and labor saving installation to any continuous indoor/outdoor environment up to 200 feet. INFINILINE is UL Listed to meet updated and new UL standards; making this flexible LED strip light one of the safest and most advanced LED Lighting products on the market.

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



FEATURES & BENEFITS

- IP65 & UV Resistant
- Optional Jumpers for tight corners

QUICK SPECS

Voltage	120VAC
Max. Run	See next Page
Warranty	5-Year Warranty
Environment	Outdoor / Wet Location / IP65
Certification	UL Listed 2388 UL Listed 1598 : Certified for Hard-Wired Installations

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



Designed, Developed, and Patented by Diode LED

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



Mounting Channel & Adjustable Brackets

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

WHEN YOU ORDER INFINILINE, YOU GET...

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

INFINILINE IS MADE TO ORDER FROM OUR NEVADA OPERATIONS CENTER
E-MAIL OUR QUOTES DEPARTMENT TODAY - QUOTES@DIODELED.COM



FIND THE INFINILINE FOR YOU

NEW

INFINILINE BASICS








Value engineered for ambient or accent lighting.

Voltage: 120VAC
Max Run: 164 ft
Length Increments: Every 8 in.
CRI: 90+

INFINILINE X

Premium engineered for architectural, luxury, and hospitality applications .

Voltage: 120VAC
Max Run: 200 ft
Length Increments: Every 4 in.
CRI: 95+

CCT*	LUMENS / FT.	LUMENS / FT.
 2700K	289	452
 3000K	300	502
 3500K	308	461
 4000K		462
 4200K	358	
 4500K		443
 6000K		510

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

* CCT range +/- 300K

ALPHATECH®

AlphaTECH is the toughest linear light engine on the market - built impact resistant and with the strength to withstand direct UV exposure, extreme weather conditions, and temperature swings with the exceptional light quality of Diode LED.

Designed, developed, and manufactured in our Reno, NV Operations Center using advanced automation and robotics, AlphaTECH is born from innovative LED lighting technology to be physically superior in the most rigorous applications.

FEATURES & BENEFITS

- UL 676 - Pool and spa certified
- NSF component approved
- Chemical resistant & sauna rated
- Lightweight, durable, and flexible
- Fully diffused with end-to-end, seamless light
- Impact resistant

QUICK SPECS

Voltage	24VDC
CRI	95+
Warranty	5-Year Warranty
Dimming	Dimmable
Environment	Indoor / Outdoor / Submersible - IP68
Certification	UL Listed 2108, UL 1598, UL 8750, UL 879, UL 676

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





ALPHATECH® LINEAR LED LIGHTING

SPECIFICATIONS & SKU BUILDER

DI - VOLTAGE - ORIENTATION - MODEL - FLEXIBLE - DIFFUSER - COLOR - LENGTH - MOUNT

DI - 24V (24VDC) - TE (Top Bending) - AT02 - FL - PD CL - 28 (2800K) - 32 (3200K) - 36 (3600K) - 016 (16.4 ft.) - RTCL (Rotating Clip) - FLCL (Flat Clip) - MTCH (Channel)




EXAMPLE: 24V ALPHATECH® TOP BENDING V2 FLEXIBLE CLEAR 3200K 16.4 FT. - WITH FLAT CLIP

DI - 24V - TE - AT02 - FL - CL - 32 - 016 - FLCL

DI-24V-TE-AT02-FL-CL-32-016-FLCL

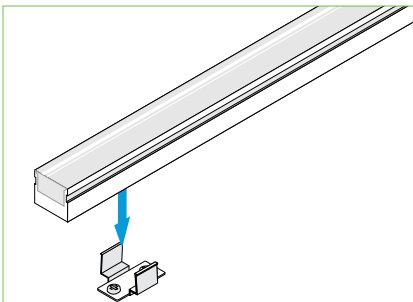
400
LUMEN RANGE

Voltage: 24VDC
Max. Run: 16 ft.
Wattage: 4.5W/ft.

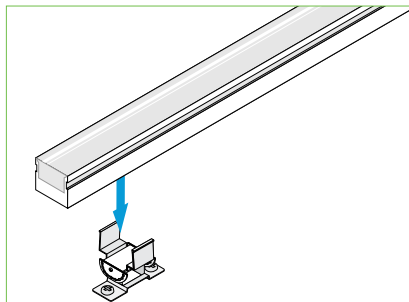
CCT	LUMENS / FT.
 2800K	387
 3200K	416
 3600K	415

MULTIPLE MOUNTING OPTIONS AVAILABLE

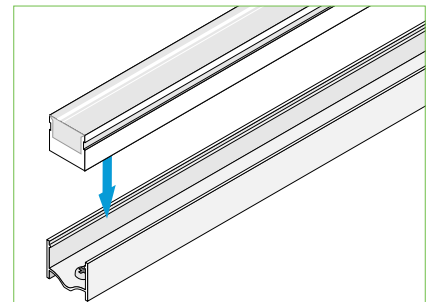
MOUNTING CLIPS



ROTATING MOUNTING CLIPS



MOUNTING CHANNELS





NARROW ANGLE

ASYMMETRIC

OPTICS BY DIODE LED

Optics By Diode LED is a focused linear lighting beam for grazing and architectural accents. Each diode has a silicone optical lens that gives clear projection without halo discoloration, delivering perfect clarity to bring out true-to-life colors. The patented lens design features non-scalloping projection along walls and can be installed for both indoor and outdoor applications.

- Wall grazing
- Facade lighting
- Curved covers
- Vaulted arches and ceilings
- General architectural lighting

FEATURES & BENEFITS

- 15° optical beam angle
- Grazing and asymmetrical lensing
- Indoor and outdoor applications
- High lumen solution
- Field-cuttable

QUICK SPECS

Voltage	24V
CRI	90+
Warranty	5-Year Warranty
Dimming	Dimmable
Environment	Indoor / Outdoor - IP67
Certification	ETL Component Recognized

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

24VDC





OPTICS BY DIODE™

SPECIFICATIONS & SKU BUILDER

DI	-	VOLTAGE	-	MODEL	-	COLOR	-	FORMAT	-	LENGTH
DI	-	24V (24VDC)	-	N09	-	30K (3000K) 35K (3500K)	-	NA (Narrow Angle) AS (Asymmetrical)	-	10 (10 ft.)
EXAMPLE: 24V OPTICS 3000K ASSYMETRICAL 10 FT. SPOOL										
DI	-	24V	-	N09	-	30K	-	AS	-	10
DI-24V-N09-30K-AS-10										

NARROW ANGLE			ASYMMETRIC		
	- 24V -	- NA -		- 24V -	- AS -
	Max. Run: 10 ft. Cut Points: 6 in. Wattage: 8.3W/ft.			Max. Run: 10 ft. Cut Points: 6 in. Wattage: 8.3W/ft.	
CCT	LUMENS / FT.		LUMENS / FT.		
3000K	678		664		
3500K	690		652		

PRODUCT DIAGRAM	CONNECTOR STYLE	SKU
	Optics By Diode Flex Strip Cutter	DI-NO-CUTTER
	Optics By Diode 12" Male to Female Extension Cable	DI-NO-EXT-12
	Optics By Diode 72" AVX Splice Connector	DI-NO-SPL-72
	Optics By Diode Mounting Clips	DI-NO-MTCL
	Optics By Diode Cable Strain Relief	DI-NO-STRAIN
	Optics By Diode Termination Cap	DI-NO-TC

ACTUAL SIZE

STREAMLITE™

DIFFUSED COB LINEAR LIGHT

Introducing the lowest profile COB linear lighting, featuring uniform illumination without the need for additional diffused covers or accessories. STREAMLITE delivers premium light quality from a solid stream of light. Perfect for areas with low clearance or reflective surfaces to eliminate spot-glare.

- Accent and task lighting
- Facade lighting
- Curved covers
- Vaulted arches and ceilings
- General architectural lighting

FEATURES & BENEFITS

- Uniform diffusion without the need for accessories
- New COB Technology
- 180° beam angle
- Indoor and outdoor models
- Lowest profile for a diffused linear light

QUICK SPECS

Voltage	24VDC
CRI	90+
Max. Run	16.4 ft.
Environment	Indoor / Outdoor - IP65
Dimmable	Yes
Warranty	5-Year Warranty

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



STREAMLITE LED STRIP LIGHT

SPECIFICATIONS & SKU BUILDER

DI	-	VOLTAGE	-	MODEL	-	COLOR	-	LENGTH
DI	-	24V (24VDC)	-	STMLT	-	27 (2700K) 30 (3000K) 40 (4000K)	-	016 (16.4 ft. Indoor) W016 (16.4 ft. Wet location)

EXAMPLE: STREAMLITE™ 3000K WET LOCATION 16.4 FOOT SPOOL

DI	-	24V	-	STMLT	-	30	-	W016
DI-24V-STMLT-30-W016								

INDOOR-IP20

- 24V -
- STMLT -

Max. Run: 16.4 ft.
Cut Points: 2.5 in.
Wattage: 3.3W/ft.

WET LOCATION-IP65

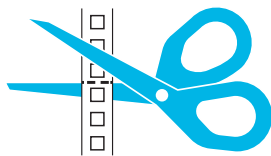


- 24V -
- STMLT - ** - W

Max. Run: 16.4 ft.
Cut Points: 2.5 in.
Wattage: 3.3W/ft.

CCT	LUMENS / FT.	LUMENS / FT.
2700K	288	221
3000K	292	256
4000K	323	271

TAILORED
LENGTHS
AVAILABLE
CALL FOR DETAILS



FOR OPTIMAL PERFORMANCE
CUSTOM CONFIGURATION IS RECOMMENDED.
CALL CUSTOMER SERVICE FOR DETAILS



676

RATED FOR POOLS & FOUNTAINS

NOW AVAILABLE
HYDROLUME® SLIM RGB



PLACE YOUR ORDER TODAY

El Gee Lighting
Pompano Beach, FL

HYDROLUME® SLIM

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

Available in your choice of IP ratings..

FIELD CUTTABLE - IP65

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

FACTORY FINISHED - IP68 SUBMERSIBLE

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

FEATURES & BENEFITS

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

QUICK SPECS

Voltage	24VDC
Wattage	1.2W/ft. (HYDROLUME SLIM) 2.4W/ft. (HYDROLUME SLIM HD) 3W/ft. (HYDROLUME RGB)
CCT (Color)	2700K, 3000K, 4000K, 6500K, RGB
Dimming	Dimmable, Color Changing
Environment	IP65 - Field cuttable IP68 - Call for details

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





HYDROLUME® SLIM LED TAPE LIGHT

SPECIFICATIONS & SKU BUILDER

DI	VOLTAGE	MODEL	COLOR	LENGTH
DI	24V (24VDC)	HLS (Standard) HLSP (High Density)	27 (2700K) 30 (3000K) 40 (4000K) 50 (5000K) 65 (6500K)	65 (65.6 ft. - Standard Only) 32 (32.8 ft. - High Density Only)

EXAMPLE: HYDROLUME® SLIM HD 3000K 32.8 FT. SPOOL

DI	24V	HLSP	30	32
DI-24V-HLSP30-32				

HYDROLUME® SLIM LED TAPE LIGHT

HYDROLUME
SLIM

- 24V -

- HLS** -

Max Run: 65.5 ft.
Cut Point: 9.84 in.
Chip Density: 8 / ft.
Wattage: 1.2W / ft.

HYDROLUME
SLIM HD

- 24V -

- HLSP** -

Max Run: 32.8 ft.
Cut Point: 6.88 in.
Chip Density: 12 / ft.
Wattage: 2.4W / ft.

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



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



RGB (IP68)

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

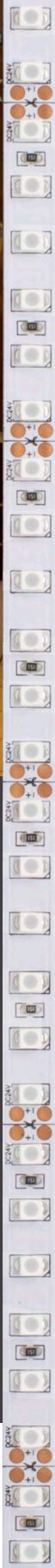
HYDROLUME RGB is only available in factory made lengths that are IP68 & UL 676 rated.
Call for details 877.817.6028

HYDROLUME® CONNECTORS & ACCESSORIES (IP65)

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



Ghirardelli Chocolate
Boden Alexander
San Francisco, CA



ACTUAL SIZE

BLAZE™ COLORS LED TAPE LIGHT

BLAZE™ Colors delivers bright and vibrant, solid color LED light technology to any small- or large-scale environment. This enhanced tape light is backed by a 12-year warranty and the well-known service and support of Diode LED. This low-voltage LED lighting for indoor task and display lighting is built on the same dependable LED tape light design you are used to from Diode LED.

FEATURES & BENEFITS

- Cost-effective, high quality tape light
- Ideal for display, signage, coves, and retail lighting
- Compatible with all Diode LED tape light accessories including CHROMAPATH® Channels, SWITCHEX®, OMNIDRIVE®, and many more

QUICK SPECS

Voltage	12VDC & 24VDC
Warranty	12-Year 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.



BLAZE™ COLORS

SPECIFICATIONS & SKU BUILDER

DI	-	VOLTAGE	-	MODEL	-	COLOR	-	LENGTH
DI	-	12V (12VDC) 24V (24VDC)	-	BLC	-	RD (Red) GN (Green) BL (Blue)	-	016 (16.4 ft.) 100 (100 ft.)

EXAMPLE: 24V BLAZE® COLORS RED 100 FT. SPOOL

DI	-	24V	-	BLC	-	RD	-	100
----	---	-----	---	-----	---	----	---	-----

DI-24V-BLC-RD-100




BLAZE™ COLORS

- 12V -
-BLC-

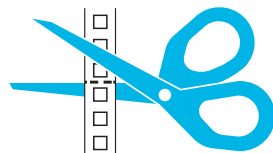
Max. Run: See Specification Sheet
Cut Points: 1 in.
Wattage: See Specification Sheet

- 24V -
-BLC-

Max. Run: See Specification Sheet
Cut Points: 2 in.
Wattage: See Specification Sheet

CCT		LUMENS / FT.	
	Red	29	89
	Green	187	192
	Blue	43	45

TAILORED
LENGTHS
AVAILABLE
CALL FOR DETAILS



CONNECTORS
PAGE 104



DIFFUSED, SATURATED,
AND VIBRANT WHITE
OR POPULAR COLORS
FROM END TO END

FEATURES & BENEFITS

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

QUICK SPECS

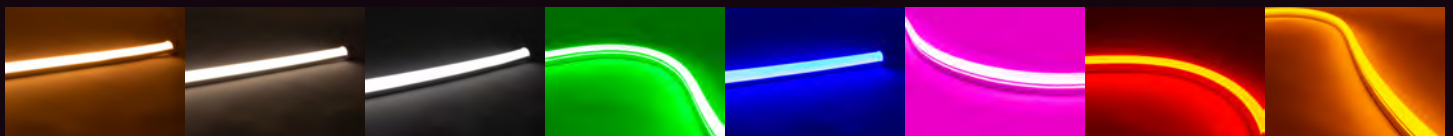
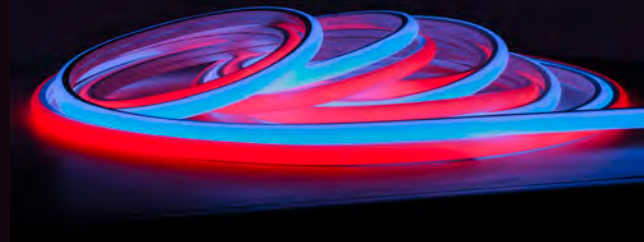
Voltage	24VDC
Wattage	See chart on next page
Dimmable	Yes
Max. Run	Up to 65.6 ft.
Environment	Indoor / Outdoor - IP65
Warranty	5-Year Warranty
Field Cuttable	Single color - Yes RGB - No
Certification	UL Listed 2108

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



NEON BLAZE™

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





NEON BLAZE™ LINEAR LIGHTING

SPECIFICATIONS & SKU BUILDER

DI	VOLTAGE	FORMAT	POWER	COLOR	LENGTH
				27	BL
		SE	NBL1	30	PK
DI	24V (24VDC)	TE	NBL2	35	RD
			NBL4	63	GL
				GN	RGB
					16 (16 ft. - 4.4W)
					32 (32 ft. - 2.4W)
					65 (32 ft. - 1.2W)

EXAMPLE: 24V NEON BLAZE™ 4.4W SIDE EMITTING RED 16.4 FT SPOOL

DI	24V	SE	NBL4	RD	16
----	-----	----	------	----	----

DI-24V-SE-NBL4-RD-16

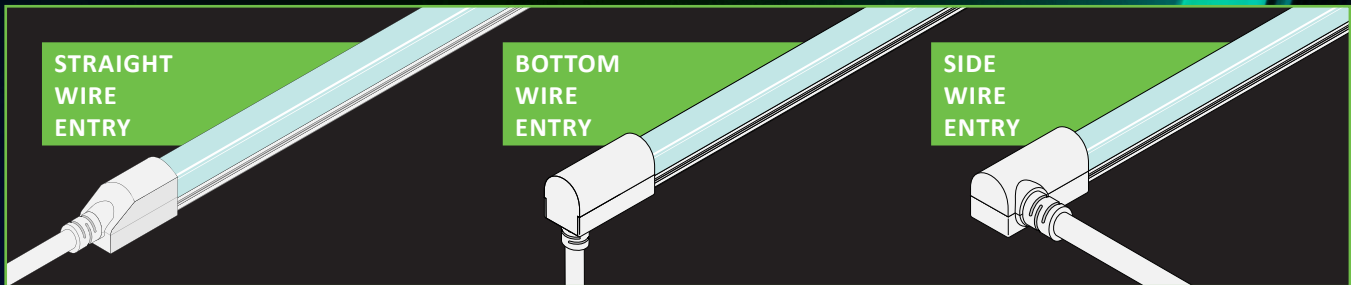
FORMAT	TOP BEND -TE-			SIDE BEND -SE-		
	1.2W / ft.	2.4W / ft.	4.4W / ft.	1.2W / ft.	2.4W / ft.	4.4W / ft.
POWER OPTIONS ~ LENGTHS	-NBL1-	-NBL2-	-NBL4-	-NBL1-	-NBL2-	-NBL4-
	Max run/ spool length: 65 ft.	Max run/ spool length: 32 ft.	Max run/ spool length: 16 ft.	Max run/ spool length: 65 ft.	Max run/ spool length: 32 ft.	Max run/ spool length: 16 ft.
	-65-	-32-	-16-	-65-	-32-	-16-
	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.
-27- 2700K	86	173	248	62	134	208
-30- 3000K	102	219	317	65	146	198
-35- 3500K	89	178	273	60	120	195
-63- 6300K	88	174	266	59	116	173
-GN- Green	88	148	151	30	48	78
-BL- Blue	18	30	37	6	12	18
-PK- Pink	39	93	110	17	37	53
-RD- Red	31	61	64	11	21	34
-GL- Gold	70	157	184	31	61	84
-RGB- RGB	NEON RGB is only available in factory tailored lengths and is not field cuttable. Call for details.			20 lumen Maximum	NA	42 lumen Maximum

NEW

NEON BLAZE™ Accessories

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

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



NEON BLAZE CONNECTORS

NEW – EXPANDED CONNECTORS

SKU	DESCRIPTION	SKU	DESCRIPTION
DI-TE-NB-SDWC-EC	Top Bending Neon, Side wire entry connector and end cap pair	DI-SE-NB-SDWC-EC	Side Bending Neon Side wire entry connector and end cap pair
DI-TE-NB-BWC-EC	Top Bending Neon, Bottom wire entry connector and end cap pair	DI-SE-NB-BWC-EC	Side Bending Neon Bottom wire entry connector and end cap pair
DI-TE-NB-STWC-EC	Top Bending Neon, Straight wire entry connector and end cap pair	DI-SE-NB-STWC-EC	Side Bending Neon Straight wire entry connector and end cap pair
DI-TE-NB-3JPR	Top Bending Neon 3" Jumper with Frosted top cap and end cap	DI-SE-NB-3JPR	Side Bending Neon 3" Jumper with Frosted top cap and end cap
DI-TE-NB-6JPR	Top Bending Neon 6" Jumper with Frosted top cap and end cap	DI-SE-NB-6JPR	Side Bending Neon 6" Jumper with Frosted top cap and end cap
DI-TE-NB-12JPR	Top Bending Neon 12" Jumper with Frosted top cap and end cap	DI-SE-NB-12JPR	Side Bending Neon 12" Jumper with Frosted top cap and end cap
DI-TE-NB-24JPR	Top Bending Neon 24" Jumper with Frosted top cap and end cap	DI-SE-NB-24JPR	Side Bending Neon 24" Jumper with Frosted top cap and end cap
DI-TE-NB-TTT-2	Top Bending Neon Strip-to-strip Connector	DI-SE-NB-TTT-2	Side Bending Neon Strip-to-strip Connector

DI-NB-96M-CNCT Neon male extension connector with 8ft lead

NEON BLAZE MOUNTING HARDWARE

NEW – EXPANDED MOUNTING HARDWARE

SKU	DESCRIPTION	SKU	DESCRIPTION
DI-TE-NB-TUC-16	Top Bending Neon top u-clip, bag of 16	DI-SE-NB-TUC-16	Side Bending Neon Top u-clip, bag of 16
DI-TE-NB-BUC-16	Top Bending Neon bottom u-clip, bag of 16	DI-SE-NB-BUC-16	Side Bending Neon Bottom u-clip, bag of 16
DI-TE-NB-MTCH	Top Bending Neon channel 35 in.	DI-SE-NB-MTCH	Side Bending Neon 35" inch channel
DI-TE-NB-FLCH-WH	Top Bending Neon Flexible Spine Channel 39 in.	DI-SE-NB-FLCH-WH	Side Bending Neon Flexible Spine Channel 39 in.



Halper Lighting Solutions
Ohio

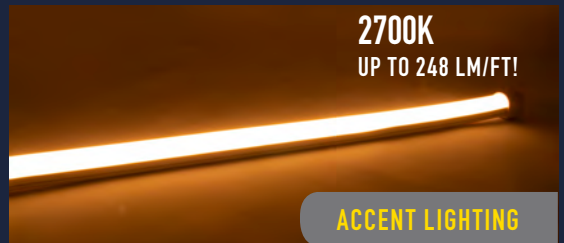


Bloomingdales
New York, NY

TOTALLY DIFFUSED *FLEXIBLE* WHITE LIGHT NEON BLAZE™

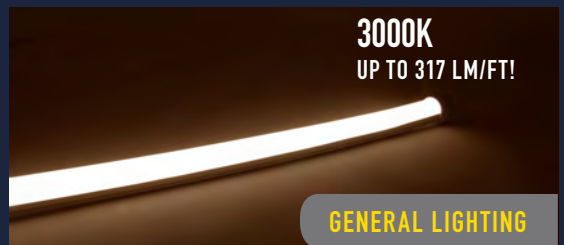
With high output white NEON BLAZE™, it has never been easier to create a professional, seamlessly illuminated environment. Total diffusion and quality light output are easily achieved without the complicated use of diffusion covers. It is also dimmable and field cuttable.

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



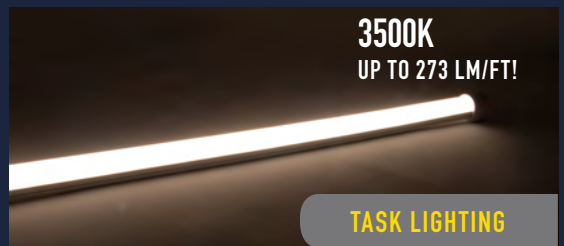
2700K
UP TO 248 LM/FT!

ACCENT LIGHTING



3000K
UP TO 317 LM/FT!

GENERAL LIGHTING



3500K
UP TO 273 LM/FT!

TASK LIGHTING



6300K
UP TO 266 LM/FT!

OUTDOOR LIGHTING

ACTUAL SIZE



BLAZE™ SELECT TUNABLE WHITE LIGHTING SYSTEM

Dynamic and tunable white light at the push of a button delivers an impressive range of warm light with the BLAZE SELECT Dynamic White Light System. Offered in a range of 2400K to 6000K, you'll get rich color-rendering and 95+ CRI.

Control: Choose from three control types to find the one that works best with your application

- Mobile
- Standalone Remote
- Wall-mounted

FEATURES & BENEFITS

- Tunable white light range
- Wide kelvin range from 2400K-6000K
- High performance lumen output - up to 580+ lm/ft.
- Controllable from a variety of technology choices

QUICK SPECS

Voltage	24VDC
CRI	95+
Warranty	12-Year Warranty
Dimming	Dimmable, Color Tuning
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.






BLAZE™ SELECT TUNABLE WHITE LIGHT SYSTEM

SPECIFICATIONS & SKU BUILDER




DI	-	VOLTAGE	-	MODEL	-	COLOR	-	LENGTH
DI	-	24V (24VDC)	-	BLSEL	-	TW2460	-	016 (16.4 ft.) 100 (100 ft.)
EXAMPLE: BLAZE™ SELECT 24V 16.4 FT SPOOL								
DI	-	24V	-	BLSEL	-	TW2460	-	16
DI-24V-BLSEL-TW2460-16								

BLAZE™ SELECT -BLSEL- TW2460 -

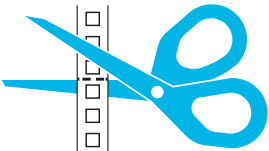
Max. Run: 16.4 ft.
Cut Points: 4 in.
Wattage: 5.3W/ft.

CCT	LUMENS / FT.
 2400K	270
 6000K	336
 Combined	586

Tunable White Light Controllers

PRODUCT IMAGE	PRODUCT NAME	SKU
	TOUCHDIAL™ REMOTE Tunable White CONTROL <i>(Use with the TOUCHDIAL Receiver-REQUIRED)</i>	DI-RF-REM-TW-4 <i>(DI-RF-REC-CV-A)</i>
	Dual Color/Tunable White DMX512 Controller	DI-DMX-WIFI-WMDC-1ZWH
	Casambi - PWM4	CBU-PWM4

TAILORED LENGTHS AVAILABLE
CALL FOR DETAILS



FOR OPTIMAL PERFORMANCE
CUSTOM CONFIGURATION IS RECOMMENDED.
CALL CUSTOMER SERVICE FOR DETAILS



Acropolis Lighting
San Luis Obispo, CA

ACTUAL SIZE

INDOOR

WET LOCATION

DAZZLE® 24 RGB Color Changing LED TAPE LIGHT

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

FEATURES & BENEFITS

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

QUICK SPECS

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

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





DAZZLE® 24 RGB TAPE LIGHT

SPECIFICATIONS & SKU BUILDER

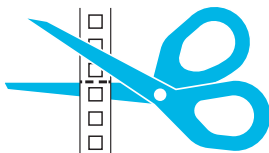
DI	-	VOLTAGE	-	MODEL	-	LENGTH
DI	-	24V (24VDC)	-	DRGB	-	0016 (16.4 ft. Indoor) 0100 (100 ft. Indoor) W016 (16.4 ft. Wet Location)

EXAMPLE: DAZZLE® RGB WET LOCATION 16.4 FT. SPOOL

DI	-	24V	-	DRGB	-	W016
DI-24V-DRGB-W016						



INDOOR-IP20	WET LOCATION-IP65
<p>- 24V -</p> <p>- DRGB -</p> <p>Max. Run: 16.4 ft. Cut Points: 4 in. Wattage: 4.3W/ft.</p>	 <p>- 24V -</p> <p>- DRGB - W</p> <p>Max. Run: 16.4 ft. Cut Points: 4 in. Wattage: 4.3W/ft.</p>
<p>CCT</p>  <p>RGB</p>	<p>LUMENS / FT.</p> <p>160</p>
<p>LUMENS / FT.</p> <p>160</p>	<p>LUMENS / FT.</p> <p>160</p>

TAILORED LENGTHS AVAILABLE
CALL FOR DETAILS



CONNECTORS
PAGE 107



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

MOUNTING CLIPS



SKU	DESCRIPTION
DI-WLMC-RGB	Pack of 10

RGB WET LOCATION END-CAPS



SKU	DESCRIPTION
DI-0842-25	Pack of 25

SILICONE SEALANT



SKU	DESCRIPTION
DI-WPSL	One tube of sealant

ACTUAL SIZE



Wine Cellar Specialists
San Antonio, TX

DAZZLE® 24 RGBW Color Changing & WHITE LIGHT

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

FEATURES & BENEFITS

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

QUICK SPECS

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

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



DAZZLE® 24 RGBW TAPE LIGHT

SPECIFICATIONS & SKU BUILDER

DI	-	VOLTAGE	-	MODEL	-	LENGTH
DI	-	24V (24VDC)	-	RGBW	-	0020 (20 ft. Indoor) 0100 (100 ft. Indoor)



EXAMPLE: DAZZLE® RGBW 20 FOOT SPOOL

DI	-	24V	-	RGBW	-	0020
DI-24V-RGBW-0020						

INDOOR-IP20

- 24V -
- RGBW -

Max. Run: 20 ft.
Cut Points: 8 in.
Wattage: 4.3W/ft.

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

TAILORED LENGTHS AVAILABLE
CALL FOR DETAILS



CONNECTORS
PAGE 107




Color Controllers on pages 118-120

ACTUAL SIZE

INDOOR

WET LOCATION



Acropolis Lighting
San Luis Obispo, CA

DAZZLE[®] 24

R G B W 4 D

QUAD - CHIP COLOR WITH WHITE LIGHT

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

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

FEATURES & BENEFITS

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

QUICK SPECS

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

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



DAZZLE® 24 RGBW 4D LED TAPE LIGHT

SPECIFICATIONS & SKU BUILDER

DI	-	VOLTAGE	-	MODEL	-	LENGTH
----	---	---------	---	-------	---	--------

DI	-	24V (24VDC)	-	RGBW4	-	0016 (20 ft. Indoor) W016 (16.4 ft. Wet Location)
----	---	-------------	---	-------	---	--

EXAMPLE: DAZZLE® RGBW 4D 16.4 FOOT SPOOL

DI	-	24V	-	RGBW4	-	0016
----	---	-----	---	-------	---	------

DI-24V-RGBW4-0016

INDOOR-IP20

- 24V -
- RGBW4 -



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

WET LOCATION-IP65

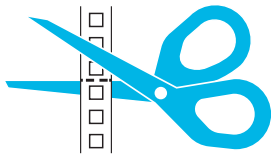
- 24V -
- RGBW4 - W



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

CCT	LUMENS / FT.	LUMENS / FT.
 RGB  (W) 3000K	274	239

TAILORED LENGTHS AVAILABLE
CALL FOR DETAILS






Indoor-IP20 CONNECTORS
PAGE 107



Wet Location RGB Connector & Accessories

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

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

BUILT YOUR WAY & READY TO INSTALL



SAVE INSTALL TIME
OPTIMIZED ILLUMINATION
FACTORY-CERTIFIED CUSTOMIZATION

FACTORY MADE SOLUTIONS TASK • ACCENT • DISPLAY

Large commercial or retail applications & small residential projects

CUSTOM CUT LINEAR LIGHTING

Factory made lengths of all BLAZE X, VALENT X, DAZZLE, and HYDROLUME Linear lighting families. Complete with lead wire and connectors.

Recommended for large projects or high-unit-volume installations.

CUSTOM CUT CHANNEL PROFILES

Custom cut channel profiles to precise measurements.

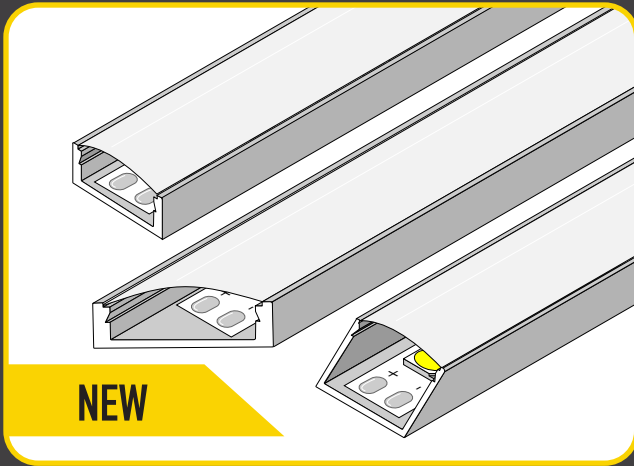
Recommended for installers who prefer field-cut installations with stocked Diode LED tape lighting.

FULLY LOADED CHANNELS

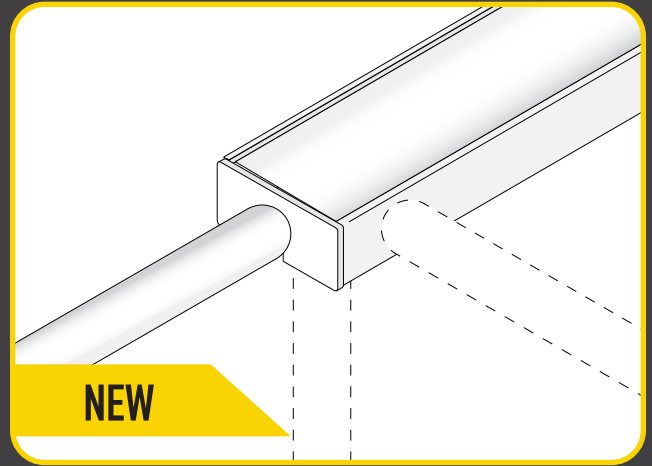
Premium creation of a complete, ready-to-install low-voltage lighting fixture (tape light and channel combined).

Recommended for precision projects that need fast, frustration-free installation.

FACTORY MADE SOLUTIONS



MITER CUTS ON CHANNELS



ALTERNATE WIRE ENTRY

CUSTOM CUT
LINEAR
LIGHTING

CUSTOM CUT
CHANNEL
PROFILES

FULLY
LOADED
CHANNELS

FACTORY SOLUTIONS



LUMEN OUTPUT & COLOR

Choose from available CCTs or color changing options.



LENGTH AND CONNECTION

Your choice of wire and connection to integrate seamlessly with your environment.



CHANNEL PROFILE

Select from over a dozen proven and reliable channel options, the ideal style for your project.



MITER CUTS *

Directional 45 degree end-cuts can be made for multi-axis lighting projects.



ALTERNATE WIRE ENTRY *

Choose an *Alternate Wire Entry* for cleaner installations requiring side or back wire entry.



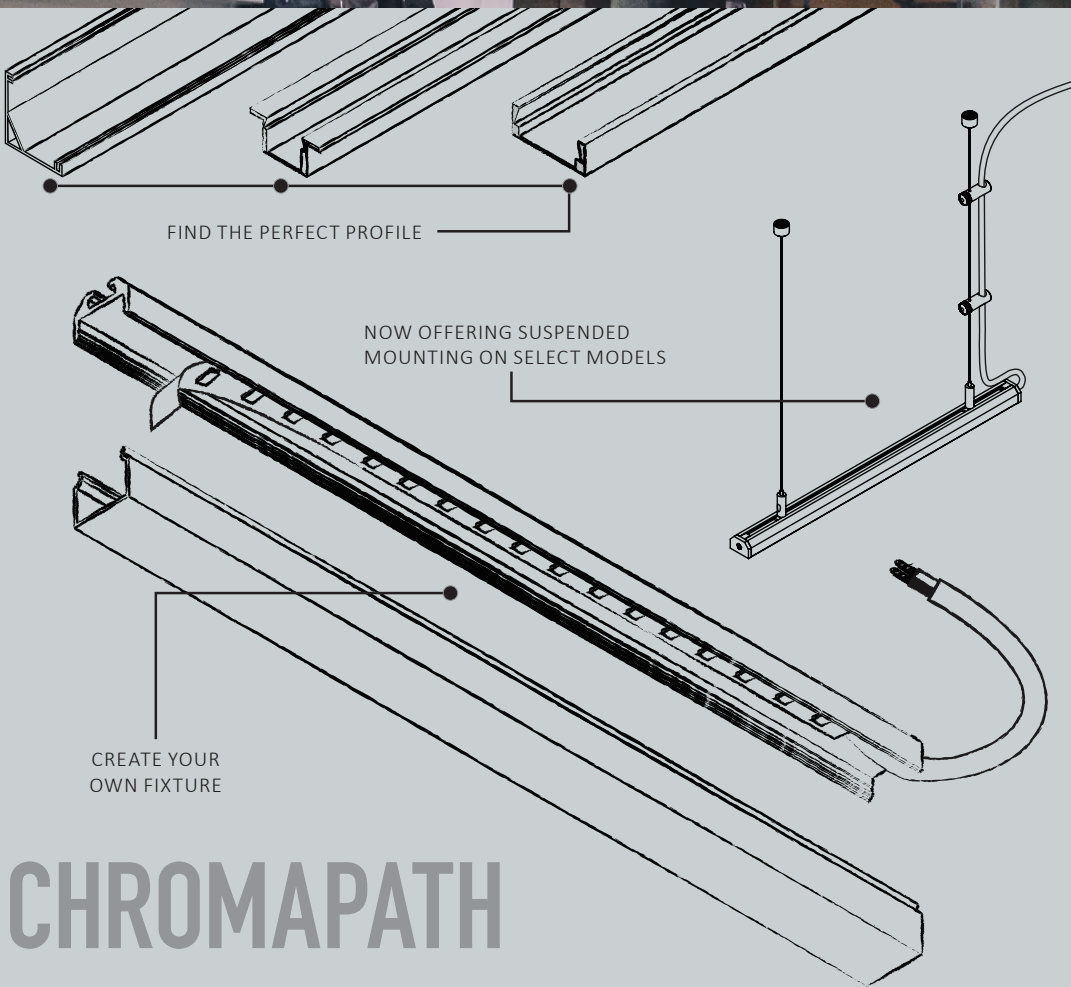
MOUNTING OPTIONS *

Pressure-fit clips, adhesives, suspension cables, and magnetic alternatives.

* Not available on all profiles. See specifications at www.DiodeLED.com or call Customer Service for details.

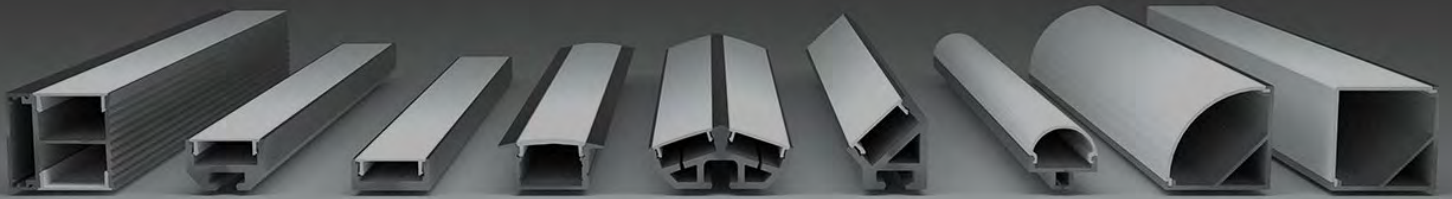
HOW
ENERGY
SHOULD
FEEL





ALUMINUM CHANNEL PROFILES

Create the ultimate customized fixture with your choice of channel style, then choose the LED lighting based on brightness, color temperature, and CRI for your application.



FIND THE RIGHT CHANNEL

BUNDLE CHANNELS

PAGES 61-65

One SKU number gets you everything you need with these easy-to-build starter kits.

OVER A DOZEN UNIQUE STYLES

A wide variety of specialty form factors

EASY ASSEMBLY FOR CONTRACTORS

Each BUNDLE is a complete kit

ALL ACCESSORIES INCLUDED*

Channel + Cover | Hardware | End Caps

MULTIPLE LENGTH OPTIONS*

48 in. | 96 in.

MULTIPLE MOUNTING OPTIONS*

Surface mount & recessed options

*See product details for complete options and compatibility

BUILDER CHANNELS

PAGES 68-71

Create the specific fixture to meet your unique project with unique finishes, diffusion, and mounting.

PROVEN, MULTI-PURPOSE STYLES

SLIM | SQUARE | 45° | DUO

THREE FINISH OPTIONS

White | Black | Brushed Aluminum

UP TO THREE LENS TYPES*

Clear | Frosted | Premium Diffusion

MULTIPLE LENGTH OPTIONS*

48 in. | 72 in. | 96 in.

MULTIPLE MOUNTING OPTIONS*

Surface Mount | Rotating Clips |
Suspended Cable | Magnetic Tabs |
Industrial-grade Tape

*See product details for complete options and compatibility

C U S T O M O P T I O N S
All channels can be custom ordered and ready to install

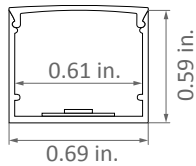
SEE PAGE 54 FOR DETAILS

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

CHROMAPATH® BUNDLE CANAL

TAPE LIGHT COMPATIBILITY:

BLAZE™ X
BLAZE™ BASICS
VALENT® X



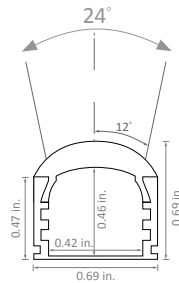
SKU	PRODUCT INCLUDES
DI-CPCHB-CAN-48	<ul style="list-style-type: none"> 48 in. channel & Opal cover - Aluminum 1 set of end-caps & mounting clips
DI-CPCHB-CAN-96	<ul style="list-style-type: none"> 96 in. channel & Opal cover - Aluminum 2 sets of end-caps & mounting clips
DI-CPCHB-CAN-ACC	<ul style="list-style-type: none"> 2 extra end-caps - Gray 2 extra mounting clips
DI-CPCHB-CAN-48B	<ul style="list-style-type: none"> 48 in. channel & Opal cover - Black 1 set of end-caps & mounting clips
DI-CPCHB-CAN-96B	<ul style="list-style-type: none"> 96 in. channel & Opal cover - Black 2 set of end-caps & mounting clips
DI-CPCHB-CAN-ACCB	<ul style="list-style-type: none"> 2 extra end-caps - Black 2 extra mounting clips
DI-CPCHB-CAN-48W	<ul style="list-style-type: none"> 48 in. channel & Opal cover - White 1 set of end-caps & mounting clips
DI-CPCHB-CAN-96W	<ul style="list-style-type: none"> 96 in. channel & Opal cover - White 2 set of end-caps & mounting clips
DI-CPCHB-CAN-ACCW	<ul style="list-style-type: none"> 2 extra end-caps - White 2 extra mounting clips



CHROMAPATH® BUNDLE GRAZER NARROW

TAPE LIGHT COMPATIBILITY:

BLAZE™ X
BLAZE™ BASICS



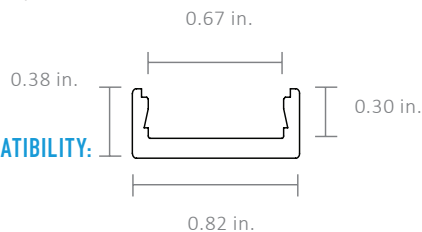
SKU	PRODUCT INCLUDES
DI-CPCHB-GZRN-48	<ul style="list-style-type: none"> 48 in. channel & frosted cover 1 set of end-caps
DI-CPCHB-GZRN-96	<ul style="list-style-type: none"> 96 in. channel & frosted cover 2 set of end-caps
DI-CPCHB-GZRN-ACC	<ul style="list-style-type: none"> 2 extra end-caps 2 extra mounting clips



CHROMAPATH® BUNDLE SLIM

TAPE LIGHT COMPATIBILITY:

BLAZE™ X
BLAZE™ BASICS
VALENT® X



SKU	PRODUCT INCLUDES
DI-CPCHB-SL-48	<ul style="list-style-type: none"> 48 in. channel & frosted cover 1 set of end-caps
DI-CPCHB-SL-96	<ul style="list-style-type: none"> 96 in. channel & frosted cover 1 set of end-caps

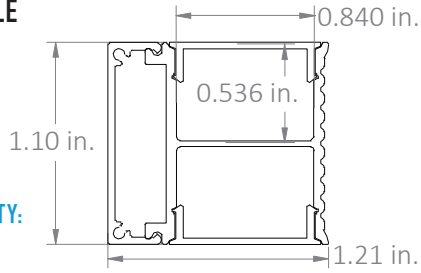


See SLIM accessories on page 68

TAPE LIGHT MOUNTING CHANNELS

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

CHROMAPATH® BUNDLE SCONCE



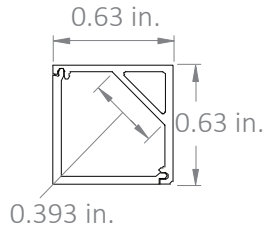
TAPE LIGHT COMPATIBILITY:

BLAZE™ X
BLAZE™ BASICS



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

CHROMAPATH® BUNDLE 10mm SQUARE CORNER



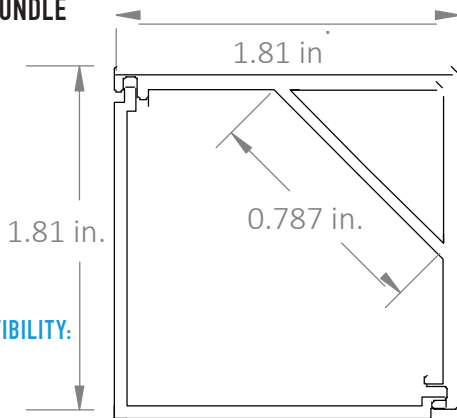
TAPE LIGHT COMPATIBILITY:

BLAZE™ X
BLAZE™ BASICS



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

CHROMAPATH® BUNDLE 20mm SQUARE CORNER



TAPE LIGHT COMPATIBILITY:

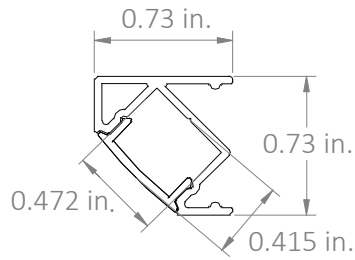
BLAZE™ X
VALENT® X
BLAZE™ BASICS



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

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

CHROMAPATH® BUNDLE 45° DECO



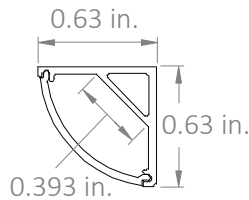
TAPE LIGHT COMPATIBILITY:

BLAZE™ X
BLAZE™ BASICS

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



CHROMAPATH® BUNDLE 10mm ROUNDED CORNER



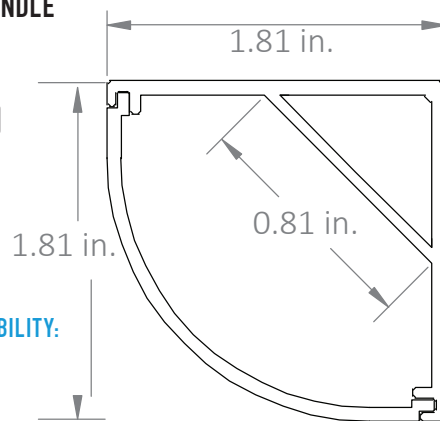
TAPE LIGHT COMPATIBILITY:

BLAZE™ X
BLAZE™ BASICS

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



CHROMAPATH® BUNDLE 20mm ROUNDED CORNER



TAPE LIGHT COMPATIBILITY:

BLAZE™ X
VALENT® X
BLAZE™ BASICS

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

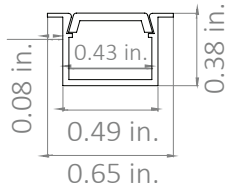


TAPE LIGHT MOUNTING CHANNELS

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

CHROMAPATH® BUNDLE

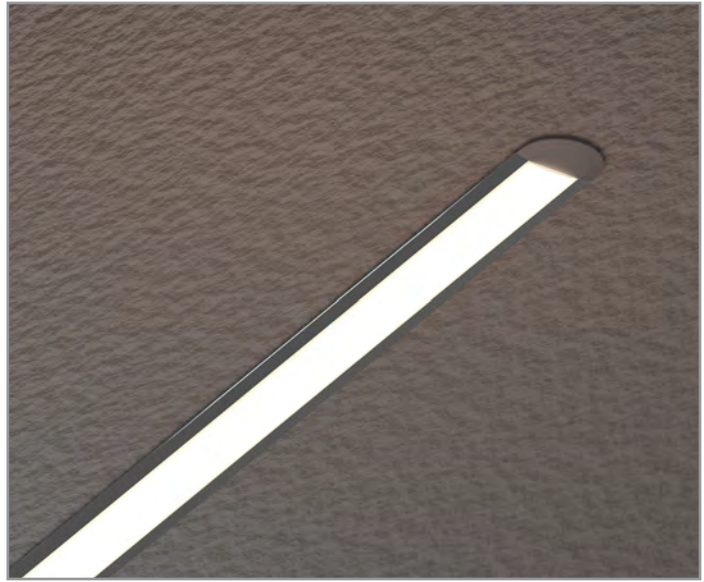
SLIM RECESSED



TAPE LIGHT COMPATIBILITY:

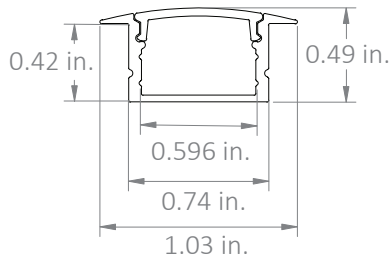
BLAZE™ X
BLAZE™ BASICS

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



CHROMAPATH® BUNDLE

RECESSED



TAPE LIGHT COMPATIBILITY:

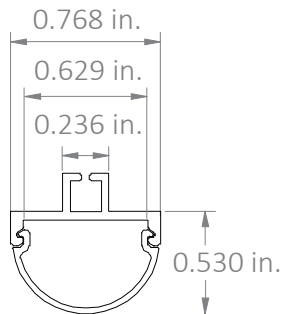
BLAZE™ X
VALENT® X
BLAZE™ BASICS

SKU	PRODUCT INCLUDES
DI-CPCHB-REC-48	<ul style="list-style-type: none"> 48 in. channel & frosted cover 1 set of end-caps
DI-CPCHB-REC-96	<ul style="list-style-type: none"> 96 in. channel & frosted cover 1 set of end-caps
DI-CPCHB-REC-ACC	<ul style="list-style-type: none"> End-cap set: 3x open square, 3x open round, 3x closed square



CHROMAPATH® BUNDLE

DOME



TAPE LIGHT COMPATIBILITY:

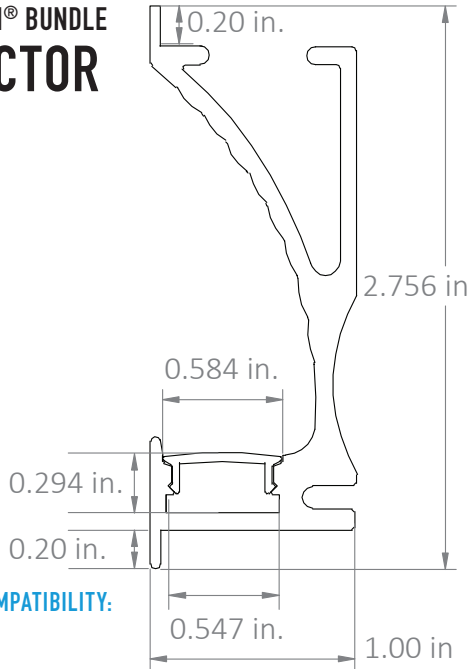
BLAZE™ X
VALENT® X
BLAZE™ BASICS

SKU	PRODUCT INCLUDES
DI-CPCHB-DOME-48	<ul style="list-style-type: none"> 48 in. channel & frosted cover 1 set of end-caps & pendant hardware
DI-CPCHB-DOME-96	<ul style="list-style-type: none"> 96 in. channel & frosted cover 2 sets of end-caps & pendant hardware
DI-CPCHB-DOME-ACC	<ul style="list-style-type: none"> 2x end-cap sets 2x pendant hardware



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

CHROMAPATH® BUNDLE REFLECTOR

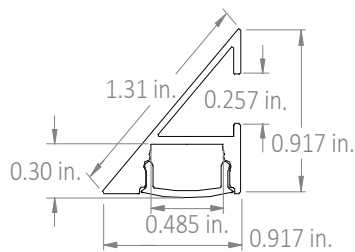


TAPE LIGHT COMPATIBILITY:
BLAZE™ X
BLAZE™ BASICS

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



CHROMAPATH® BUNDLE 90° SIDEVIEW

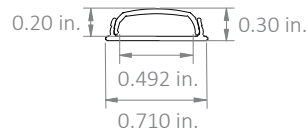


TAPE LIGHT COMPATIBILITY:
BLAZE™ X
BLAZE™ BASICS

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



CHROMAPATH® BUNDLE WAVEFORM



TAPE LIGHT COMPATIBILITY:
BLAZE™ X
BLAZE™ BASICS

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





HYDROLOGIC Showroom
Sarasota, Florida
VALENT® mounted in CHROMAPATH SLIM





AdventHealth Rehabilitation Center
Winter Park, Florida
RLF Architecture Engineering Interiors
DAZZLE® RGBW mounted in a CHROMAPATH Channel

TAPE LIGHT MOUNTING CHANNELS

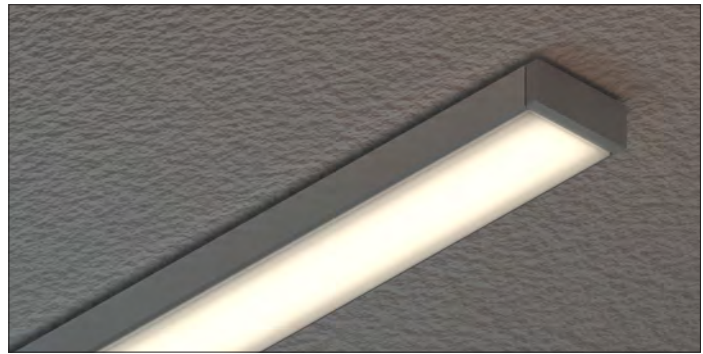
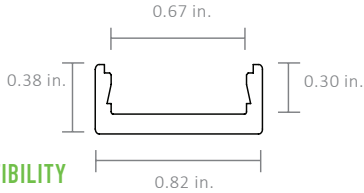
CHROMAPATH® BUILDER SLIM

INCLUDES
SLIM channel only

TAPE LIGHT COMPATIBILITY

BLAZE™ X
VALENT™ X

BLAZE™ BASICS
DAZZLE® RGB(W)



CHANNEL OPTIONS

<input type="checkbox"/> SKU ALUMINUM	<input type="checkbox"/> SKU WHITE FINISH	<input checked="" type="checkbox"/> SKU BLACK FINISH	LENGTH	BUNDLE OPTION
DI-CPCHA-SL48	DI-CPCHA-SL48W	DI-CPCHA-SL48B	48 in.	Single
DI-CPCHA-SL48-10	DI-CPCHA-SL48W-10	DI-CPCHA-SL48B-10	48 in.	Pack of 10
DI-CPCHA-SL72	DI-CPCHA-SL72W	DI-CPCHA-SL72B	72 in.	Single
DI-CPCHA-SL72-10	DI-CPCHA-SL72W-10	DI-CPCHA-SL72B-10	72 in.	Pack of 10
DI-CPCHA-SL96	DI-CPCHA-SL96W	DI-CPCHA-SL96B	96 in.	Single
DI-CPCHA-SL96-10	DI-CPCHA-SL96W-10	DI-CPCHA-SL96B-10	96 in.	Pack of 10

PREMIUM DIFFUSION COVER AND END-CAP

PRODUCT INFORMATION



PREMIUM DIFFUSION COVER (PD):

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

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

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

PRODUCT IMAGE



SLIM Premium Diffusion End-Cap

<input checked="" type="checkbox"/> ALUMINUM	<input type="checkbox"/> WHITE	<input checked="" type="checkbox"/> BLACK	BUNDLE
DI-CPEC-SLPD-1	DI-CPEC-SLPDW-1	DI-CPEC-SLPDB-1	Single
DI-CPEC-SLPD	DI-CPEC-SLPDW	DI-CPEC-SLPDB	5 Sets

STANDARD COVERS FROSTED / CLEAR AND END-CAPS

PRODUCT INFORMATION



FROSTED COVER:

Protects LED tape light and slightly softens light.

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

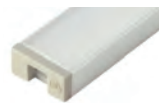


CLEAR COVER:

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

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

PRODUCT IMAGE



SLIM Standard End-Cap

<input checked="" type="checkbox"/> ALUMINUM	<input type="checkbox"/> WHITE	<input checked="" type="checkbox"/> BLACK	BUNDLE
DI-CPEC-SL-1	DI-CPEC-SLW-1	DI-CPEC-SLB-1	Single
DI-CPEC-SL	DI-CPEC-SLW	DI-CPEC-SLB	5 Sets

MOUNTING OPTIONS

MOUNTING U-CLIPS



Screw-Down Clip



Magnetic Clip

<input checked="" type="checkbox"/> ALUMINUM	<input type="checkbox"/> WHITE	<input checked="" type="checkbox"/> BLACK	DESCRIPTION
DI-CPCH-UC-BA	DI-CPCH-UC-WH	DI-CPCH-UC-BL	Screw-down U-Clip
DI-CPCH-MUC-BA	DI-CPCH-MUC-WH	DI-CPCH-MUC-BL	Magnetic U-Clip

ADHESIVE MAGNETIC MOUNT

SKU	DESCRIPTION
DI-CPCH-MGT	1 pair

MOUNTING TAPE

SKU	LENGTH
DI-1633	4ft.
DI-1634	12ft.

CHROMAPATH® BUILDER 45°

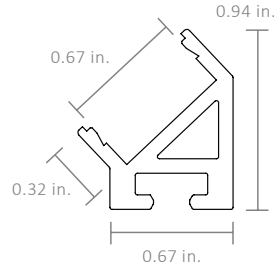
INCLUDES

End-to-end connector plugs
& mounting clips

TAPE LIGHT COMPATIBILITY

BLAZE™ X
VALENT® X

BLAZE™ BASICS
DAZZLE® RGB(W)



CHANNEL OPTIONS

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

PREMIUM DIFFUSION COVER AND END-CAP

PRODUCT INFORMATION



PREMIUM DIFFUSION COVER (PD):

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

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

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

PRODUCT IMAGE



FORM FACTOR

45° Premium Diffusion
End-Cap
5 extra sets

<input type="checkbox"/> ALUMINUM	<input type="checkbox"/> WHITE	<input checked="" type="checkbox"/> BLACK	BUNDLE
DI-CPEC-45PD-1	DI-CPEC-45PDW-1	DI-CPEC-45PDB-1	Single
DI-CPEC-45PD	DI-CPEC-45PDW	DI-CPEC-45PDB	5 Sets

STANDARD COVERS FROSTED / CLEAR AND END-CAPS

PRODUCT INFORMATION



FROSTED COVER:

Protects LED tape light and slightly softens light.

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



CLEAR COVER:

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

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

PRODUCT IMAGE



FORM FACTOR

45° Standard
End-Cap
5 extra sets

<input type="checkbox"/> ALUMINUM	<input type="checkbox"/> WHITE	<input checked="" type="checkbox"/> BLACK	BUNDLE
DI-CPEC-45-1	DI-CPEC-45W-1	DI-CPEC-45B-1	Single
DI-CPEC-45	DI-CPEC-45W	DI-CPEC-45B	5 Sets

MOUNTING OPTIONS

MOUNTING CLIPS



VERTICAL MOUNTING BRACKETS



END-TO-END CONNECTOR PLUGS



ROTATING MOUNTING CLIPS



Includes: Pack of 2 with screws

ADJUSTABLE ANGLE MOUNTING

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

TAPE LIGHT MOUNTING CHANNELS

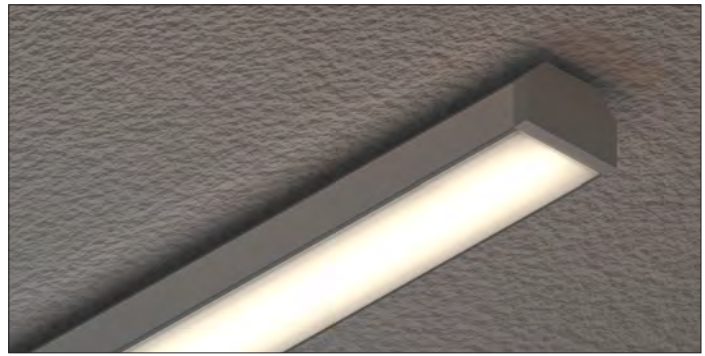
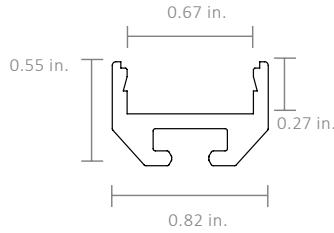
CHROMAPATH® BUILDER SQUARE

INCLUDES

End-to-end connector plugs & mounting clips

TAPE LIGHT COMPATIBILITY

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



CHANNEL OPTIONS

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

PREMIUM DIFFUSION COVER AND END-CAP

PRODUCT INFORMATION



PREMIUM DIFFUSION COVER (PD):

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

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

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

PRODUCT IMAGE



SQUARE Premium Diffusion End-Cap
5 extra sets

<input type="checkbox"/> ALUMINUM	<input type="checkbox"/> WHITE	<input checked="" type="checkbox"/> BLACK	BUNDLE
DI-CPEC-SQPD-1	DI-CPEC-SQPDW-1	DI-CPEC-SQPDB-1	Single
DI-CPEC-SQPD	DI-CPEC-SQPDW	DI-CPEC-SQPDB	5 Sets

STANDARD COVERS FROSTED / CLEAR AND END-CAPS

PRODUCT INFORMATION



FROSTED COVER:

Protects LED tape light and slightly softens light.

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



CLEAR COVER:

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

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

PRODUCT IMAGE



SQUARE Standard End-Cap
5 extra sets

<input type="checkbox"/> ALUMINUM	<input type="checkbox"/> WHITE	<input checked="" type="checkbox"/> BLACK	BUNDLE
DI-CPEC-SQ-1	DI-CPEC-SQW-1	DI-CPEC-SQB-1	Single
DI-CPEC-SQ	DI-CPEC-SQW	DI-CPEC-SQB	5 Sets

MOUNTING OPTIONS

MOUNTING CLIPS



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

VERTICAL MOUNTING BRACKETS



SKU	DESCRIPTION
DI-1912	Pack of 2

END-TO-END CONNECTOR PLUGS



SKU	DESCRIPTION
DI-1631-10	Pack of 10

ADJUSTABLE ANGLE MOUNTING

ROTATING MOUNTING CLIPS



Includes: Pair of clips with screws

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

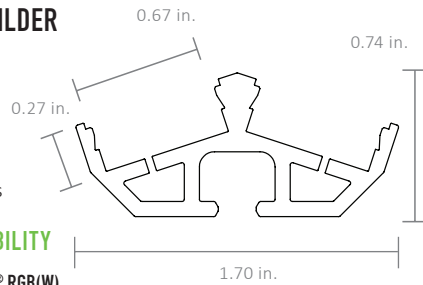
CHROMAPATH® BUILDER DUO

INCLUDES

End-to-end connector plugs & mounting clips

TAPE LIGHT COMPATIBILITY

BLAZE™ X DAZZLE® RGB(W)
BLAZE™ BASICS



CHANNEL OPTIONS

SKU ALUMINUM	SKU WHITE FINISH	SKU BLACK FINISH	LENGTH	BUNDLE OPTION	INCLUDES PER CHANNEL
DI-CPCHA-DU48	DI-CPCHA-DU48W	DI-CPCHA-DU48B	48 in.	Single	• 2x end-to-end connectors
DI-CPCHA-DU48-10	DI-CPCHA-DU48W-10	DI-CPCHA-DU48B-10	48 in.	Pack of 10	• 4x mounting clips

CLEAR AND FROSTED COVERS



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



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

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

PRODUCT IMAGE	SKU ALUMINUM	SKU WHITE FINISH	SKU BLACK FINISH	BUNDLE
	DI-CPEC-DU-1	DI-CPEC-DUW-1	DI-CPEC-DUB-1	Single
	DI-CPEC-DU	DI-CPEC-DUW	DI-CPEC-DUB	5 Sets

MOUNTING OPTIONS

MOUNTING CLIPS



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

VERTICAL MOUNTING BRACKETS



SKU	DESCRIPTION
DI-1913	Pack of 2

END-TO-END CONNECTOR PLUGS



SKU	DESCRIPTION
DI-1631-10	Pack of 10

ADJUSTABLE ANGLE MOUNTING

ROTATING MOUNTING CLIPS



Includes: Pack of 2 with screws

ALUMINUM	WHITE	BLACK
DI-CPCH-RC-BA	DI-CPCH-RC-WH	DI-CPCH-RC-BL

CHROMAPATH BUILDER HANGING HARDWARE

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



Compatible with DUO, 45° & SQUARE channels only



LED LIGHTING FIXTURES

Diode LED lighting fixtures are engineered with style, performance, and ease of installation. These fixtures are perfect for any modern project- featuring high performing heat distribution and plug-and-play connection, these fixtures will become timeless additions to any residential or commercial installation.

NEW

FEATURING THREE BUILT-IN COLOR OPTIONS

3000K

3500K

4000K

FENCER® SELECT

FEATURING THREE BUILT-IN
COLOR OPTIONS

FENCER® Series SELECT LED fixtures are a 120V lighting system with three built-in CCT options (3000K, 3500K, and 4000K). Every fixture can be freely switched to a color temperature of your choice.

FEATURES & BENEFITS

- Three switchable CCT options
- Premium diffused light- No LED hot spots
- 120VAC direct-connect fixture
- Superior CRI and R values
- Daisy-chain multiple fixtures for long runs

QUICK SPECS

Voltage 120VAC

Dimmable Yes

CRI 90+

Environment Indoor

Certification SABER SELECT : ETL Listed
FOIL SELECT : UL Listed

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

120VAC





FENCER® SABER™ SELECT Specifications

SKU	LENGTH	CCT	LUMENS	FIXTURE COLOR	DIMENSIONS
DI-120V-SBRSEL-08-WH	8 in.	3000K	374	White	8.4 x 2.8 x 1.0 in.
		3500K	418		
		4000K	403		
DI-120V-SBRSEL-16-WH	16 in.	3000K	610	White	16.4 x 2.8 x 1.0 in.
		3500K	683		
		4000K	676		
DI-120V-SBRSEL-24-WH	24 in.	3000K	890	White	24.4 x 2.8 x 1.0 in.
		3500K	981		
		4000K	981		
DI-120V-SBRSEL-32-WH	32 in.	3000K	1162	White	32.4 x 2.8 x 1.0 in.
		3500K	1263		
		4000K	1244		

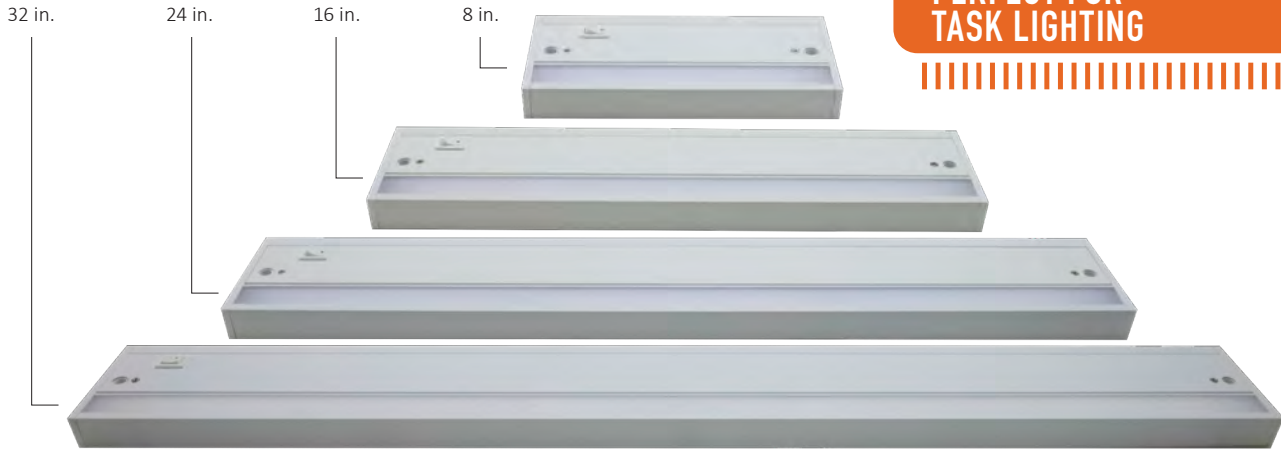
FENCER® FOIL™ SELECT Specifications

SKU	LENGTH	CCT	LUMENS	FIXTURE COLOR	DIMENSIONS
DI-120V-FLSEL-12-WH	12 in.	3000K	941	White	12.4 x 1.08 x 1.10 in.
		3500K	1043		
		4000K	1035		
DI-120V-FLSEL-16-WH	16 in.	3000K	1175	White	16.5 x 1.08 x 1.10 in.
		3500K	1313		
		4000K	1318		
DI-120V-FLSEL-24-WH	24 in.	3000K	1705	White	24.5 x 1.08 x 1.10 in.
		3500K	1960		
		4000K	1882		
DI-120V-FLSEL-32-WH	32 in.	3000K	2204	White	32.4 x 1.08 x 1.10 in.
		3500K	2461		
		4000K	2519		

ALL ACCESSORIES & CONNECTORS ON PAGE 77

FENCER® Series SABER™ LED Task Light

PERFECT FOR
TASK LIGHTING



DIRECT-CONNECT & PREMIUM DIFFUSION

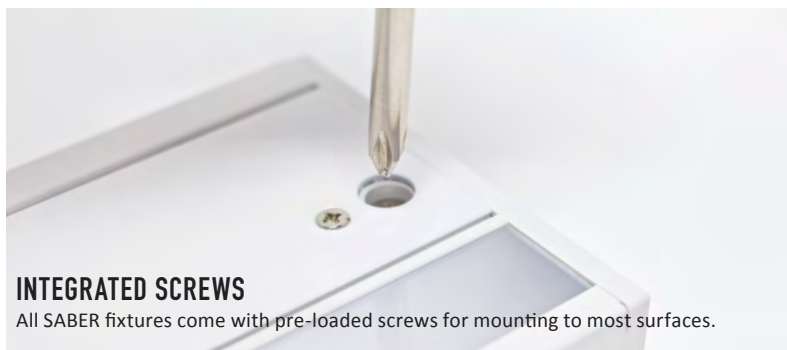


END-TO-END LINKABILITY

For longer runs, FENCER can be connected end-to-end for a minimized appearance.

FEATURES & BENEFITS

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



INTEGRATED SCREWS

All SABER fixtures come with pre-loaded screws for mounting to most surfaces.

QUICK SPECS

Voltage	120VAC
Dimmable	Yes
CRI	98
Environment	Indoor
Certification	ETL Listed 1598

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


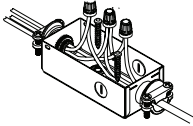







FENCER® SABER™ Models

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

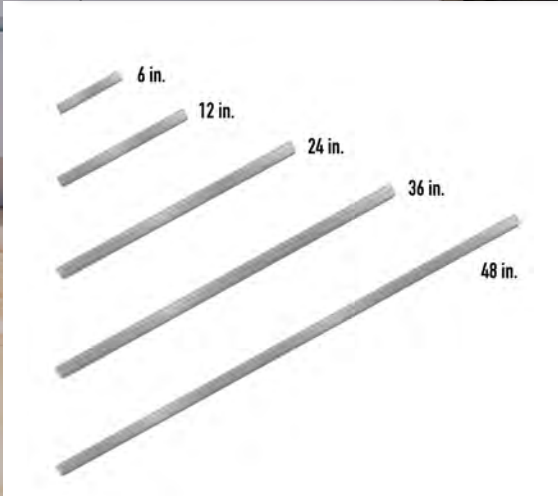
SKU	LENGTH	CCT	LUMENS	FIXTURE COLOR	DIMENSIONS
DI-120V-SABER-PD30-8-WH-V2	8 in.	3000K	278	White	8.21 x 3.62 x 0.96 in.
DI-120V-SABER-PD30-16-WH-V2	16 in.	3000K	620	White	16.03 x 3.62 x 0.96 in.
DI-120V-SABER-PD30-24-WH-V2	24 in.	3000K	844	White	23.85 x 3.62 x 0.96 in.
DI-120V-SABER-PD30-32-WH-V2	32 in.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

FENCER® Accessories & Connectors

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



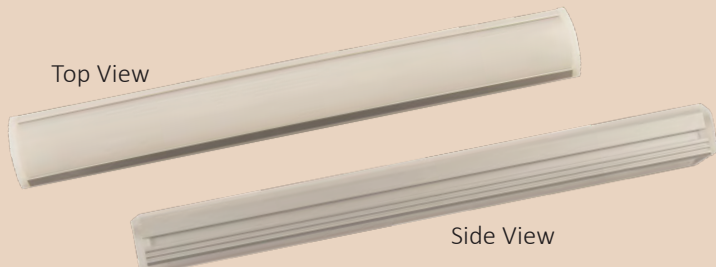
**SEAMLESS
END-TO-END
CONNECTIONS WITH
NO DARK SPOTS**



TRU-LINK[®]

24V Linkable LED Light Bar

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



FEATURES & BENEFITS

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

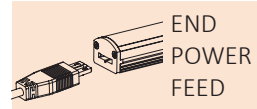
QUICK SPECS

Voltage	24VDC
Dimmable	Yes
CRI	90+
Environment	Indoor
Certification	UL 2108

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



TRU-LINK® 24V LED Light Bar



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

TRU-LINK® Accessories

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

TRU-LINK® Accessories

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



MATTONE[®] 2

Wall Mounted LED Lighting

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

FEATURES & BENEFITS

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

QUICK SPECS

Voltage	120VAC
CCT	3000K
CRI	95+
Output	130-140 lumens
Environment	Indoor/Outdoor
Certification	UL Listed

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



MATTONE 2 Fixture Options



MATTONE 2 INCLUDES:

- Light Engine
- Faceplate & Trim Plate
- Mounting Hardware

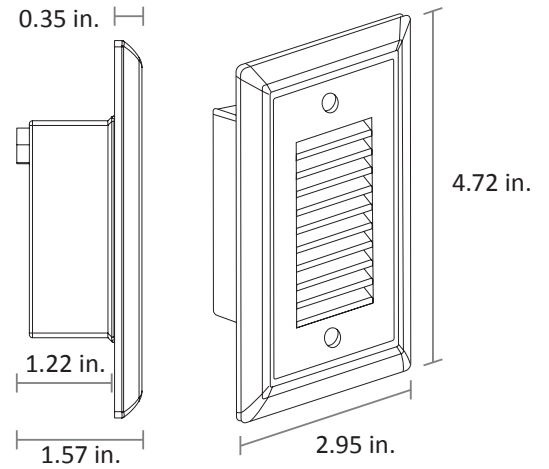
**Vertical
Louvered
- Bronze -**
DI-MAT2-VL-BZ



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



Vertical Louvered

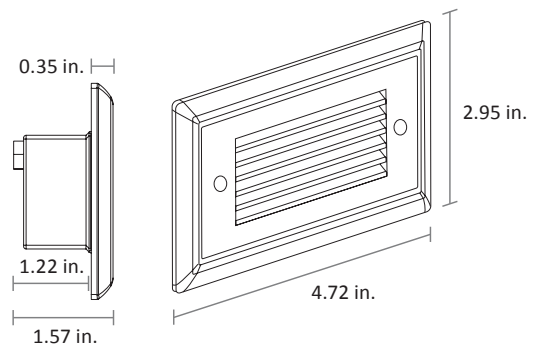


**Horizontal
Louvered
- White -**
DI-MAT2-HL-WH



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

Horizontal Louvered



SPOTMOD® LINK LED Fixture



FEATURES & BENEFITS

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

QUICK SPECS

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

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



SPOTMOD LINK

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

*Only 5000K is 80 CRI

SPOTMOD LINK ACCESSORIES

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

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



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

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

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



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

SPOTMOD LINK

Detachable mounting ring for recessed installations



2.5(dia) x 0.5(depth) in.

SPOTMOD® TILE LED Fixture



FEATURES & BENEFITS

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

QUICK SPECS

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

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



SPOTMOD TILE

FINISHES

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

*Only 5000K is 80 CRI

SPOTMOD TILE ACCESSORIES



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

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

- WHITE
- BLACK

DI-SPOT-TL-ADP DI-SPOT-TL-ADP-BL



SPOTMOD TILE Power Distribution Splitter Box, 6-way

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

- WHITE
- BLACK

DI-SPOT-TLSP6 DI-SPOT-TLSP6-BL



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

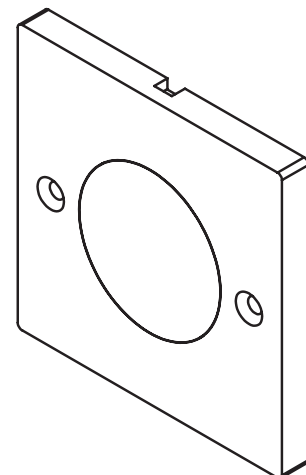
Dimensions: 60 x .25 x .25 in. (L x W x H)

- WHITE
- BLACK

DI-SPOT-5EXT DI-SPOT-5EXT-BL

SPOTMOD TILE

Slim design and easy mounting



2.36 x 2.36 x 0.25 in.

TRIAN[®]

LED PUCK LIGHT



FEATURES & BENEFITS

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













QUICK SPECS

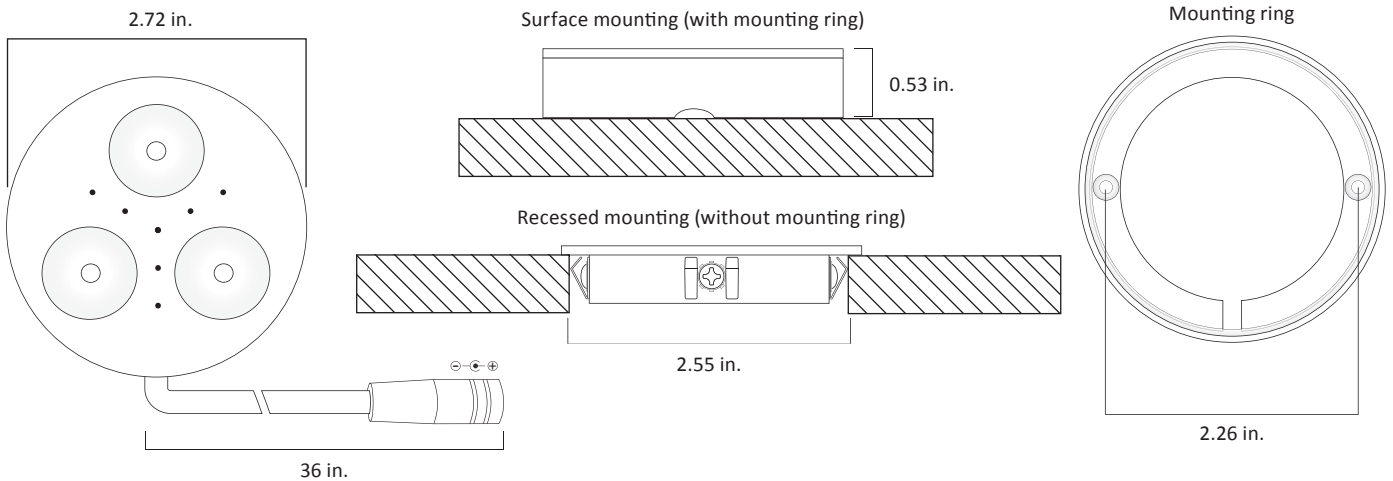
Voltage	12VDC
Wattage per Fixture	3.92W / 326mA
Dimmable	Yes
Environment	Indoor
Dimensions	2.72 x 0.53 in.
Certification	UL Listed 2108

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





















TRIAN® Models

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



TRIAN® Accessories

PRODUCT IMAGE	PRODUCT DESCRIPTION
	Adapter Splice Cable - Female Single: DI-PVC2464-DL42-SPL-F Pack of 5: DI-PVC2464-DL42-SPL-F-5  White Pack of 25: DI-PVC2464-DL42-SPL-F-25
	Adapter Splice Cable - Male Single: DI-PVC2464-DL42-SPL-M Pack of 5: DI-PVC2464-DL42-SPL-M-5  White Pack of 25: DI-PVC2464-DL42-SPL-M-25
	39 in. DC Extension Cable Single: DI-0708 Pack of 5: DI-0708-5  White Pack of 25: DI-0708-25 Single: DI-0708B Pack of 5: DI-0708B-5  Black Pack of 25: DI-0708B-25
	2-Way DC Splitter Single: DI-0720 Pack of 5: DI-0720-5  White Pack of 25: DI-0720-25 Single: DI-0720B Pack of 5: DI-0720B-5  Black Pack of 25: DI-0720B-25

PRODUCT IMAGE	PRODUCT DESCRIPTION
	3-Way DC Splitter Single: DI-0705 Pack of 5: DI-0705-5  White Pack of 25: DI-0705-25 Single: DI-0705B Pack of 5: DI-0705B-5  Black Pack of 25: DI-0705B-25
	4-Way DC Splitter Single: DI-DCSP4 Pack of 5: DI-DCSP4-5  White Pack of 25: DI-DCSP4-25
	5-Way DC Splitter Single: DI-0707 Pack of 5: DI-0707-5  White Pack of 25: DI-0707-25 Single: DI-0707B Pack of 5: DI-0707B-5  Black Pack of 25: DI-0707B-25

SPOTMOD®

IP65 LIGHTING FIXTURE



Acropolis Lighting
San Luis Obispo, CA

RECESSED GIMBAL SERIES



SPOTMOD® 2 Recessed Gimbal



SPOTMOD® Recessed Gimbal - Gen 1

LED FIXTURE SERIES



SPOTMOD® 2 LED Fixture



SPOTMOD® LED Fixture - Gen 1

FEATURES & BENEFITS

- Compact and sturdy aluminum housing
- Suitable for indoor and outdoor applications
- Surface-mount-ready (screws not included)

QUICK SPECS

Voltage	12VDC
Wattage per Fixture	2.1W
Dimmable	Yes
Environment	Outdoor/Indoor - IP65
Finish	Brushed Aluminum
Dimensions	Recessed Gimbal - 1.25 x 2.05 x 0.91 in. LED Fixture - 1.56 x 1.56 x 1.1 in.
Certification	ETL Listed 2108

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



SPOTMOD® Recessed Gimbal Wet Location LED Fixture

NEW SPOTMOD® 2 Recessed Gimbal

SKU	BEAM ANGLE	CCT	LUMENS	CRI
DI-SPOT-RG2-30-32-BA	32°	3000K	174	90+
DI-SPOT-RG2-30-20-BA	20°	3000K	174	90+

SPOTMOD® Recessed Gimbal – Generation 1

SKU	BEAM ANGLE	CCT	LUMENS	CRI
DI-SPOT-RG30-15-BA	15°	3000K	130	82
DI-SPOT-RG30-45-BA	45°	3000K	134	82
DI-SPOT-RG50-15-BA	15°	5000K	163	66

SPOTMOD® Wet Location LED Fixture

NEW SPOTMOD® 2 LED Fixture

SKU	BEAM ANGLE	CCT	LUMENS	CRI
DI-SPOT-SP2-30-32-BA	32°	3000K	169	90+
DI-SPOT-SP2-30-20-BA	20°	3000K	169	90+


SPOTMOD® LED Fixture – Generation 1



SKU	BEAM ANGLE	CCT	LUMENS	CRI
DI-SPOT-SP30-15-BA	15°	3000K	130	82
DI-SPOT-SP30-45-BA	45°	3000K	134	82
DI-SPOT-SP50-15-BA	15°	5000K	163	66
DI-SPOT-SP50-45-BA	45°	5000K	167	66

SPOTMOD® Wet Location Accessories

Connector Note:

Class 2 maximum load limit on all connectors.
(60W on 12V circuits)

PRODUCT IMAGE	PRODUCT DESCRIPTION	LENGTH
	Wet Location Male to Female Extension Cables Creates an extension between wet location light connectors. Dimensions: 0.3 in. (width)	
	Single: DI-0757	
	Pack of 5: DI-0757-5	6 in.
	Pack of 25: DI-0757-25	
	Single: DI-0758	
	Pack of 5: DI-0758-5	12 in.
	Pack of 25: DI-0758-25	
	Single: DI-0759	
	Pack of 5: DI-0759-5	24 in.
	Pack of 25: DI-0759-25	

PRODUCT IMAGE	PRODUCT DESCRIPTION	LENGTH
	Wet Location Splice Connector Pair One pair is included with strip light. Connector pair includes both male and female connectors. Dimensions: 4.5 x 0.3 in	
	Single: DI-0725	
	Pack of 5: DI-0725-5	4.5 in.
Pack of 25: DI-0725-25		
	Wet Location Plug to DC Plug Connector Wet location plug converter for use with DC accessories and Diode LED's Plug-In Adapters. Dimensions: 6 x 0.3 in. (L x W)	
	Single: DI-0710M	
	Pack of 5: DI-0710M-5	6 in. Male Connector
	Pack of 25: DI-0710M-25	
	Single: DI-0710F	
	Pack of 5: DI-0710F-5	6 in. Female Connector
Pack of 25: DI-0710F-25		



Wet Location Splitter Plug Connector

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

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

VOLANTE® SERIES

HIGH OUTPUT FLOOD & CANOPY LIGHTS

FEATURING THE VOLANTE OPTIC SYSTEM



FEATURES & BENEFITS

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



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

- New construction and retrofit
- Storage facilities
- Roadways and parking garages

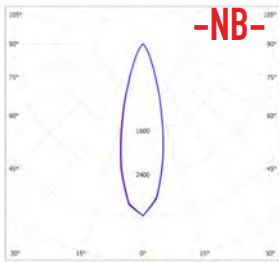
QUICK SPECS

Voltage	120VAC-277VAC
Connection	Hardwire
Environment	Indoor/Outdoor

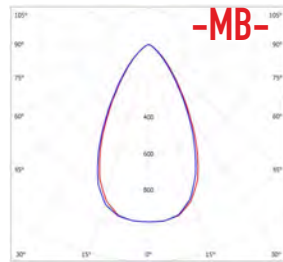
Visit the product page on the website for specification sheets, install guides, and photometric reports.

OPTIC TYPES

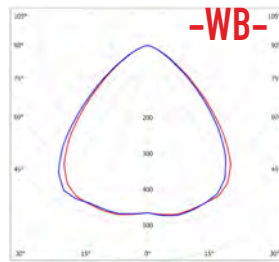
Apply the optic-type suffix to the asterisk on the next page



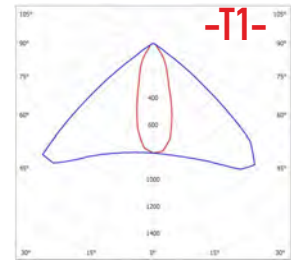
30° x 30°
Narrow Beam



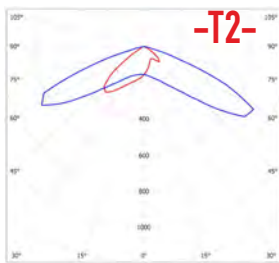
60° x 60°
Medium Beam



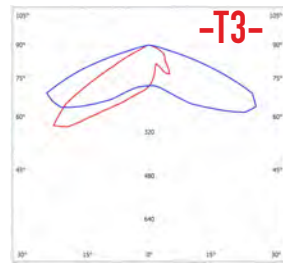
90° x 90°
Wide Beam



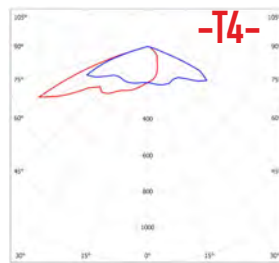
30° x 100°
Type I



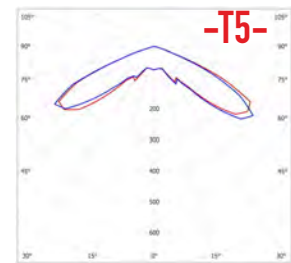
50° x 140°
Type II



40° x 140°
Type III



30° x 140°
Type IV







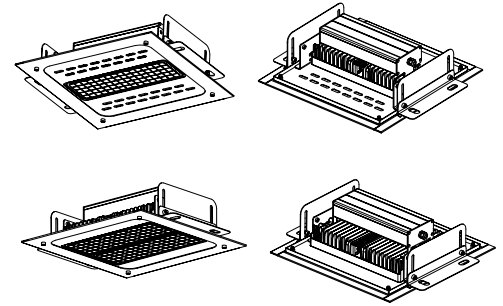
140° x 140°
Type V

VOLANTE® Canopy Light Fixture







RECESSED MOUNT

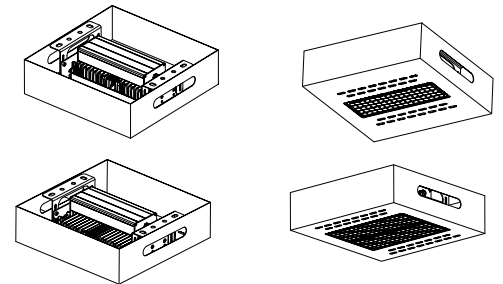
SKU	CCT OPTION	WATTAGE	LUMENS / FIXTURE
DI-VL-CP100W-40-R-*	 4000K	100W	14300
DI-VL-CP100W-50-R-*	 5000K	100W	14300
DI-VL-CP200W-40-R-*	 4000K	200W	26800
DI-VL-CP200W-50-R-*	 5000K	200W	26800



* Use the 'Optic Type' variable from the previous page

SURFACE MOUNT







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



* Use the 'Optic Type' variable from the previous page

VOLANTE® Flood Light Fixture



SKU	CCT OPTION	WATTAGE	LUMENS / FIXTURE
DI-VL-FL75W-40-*	 4000K	75W	9600
DI-VL-FL75W-50-*	 5000K	75W	9600
DI-VL-FL150W-40-*	 4000K	150W	19200
DI-VL-FL150W-50-*	 5000K	150W	19200
DI-VL-FL255W-40-*	 4000K	225W	28800
DI-VL-FL255W-50-*	 5000K	225W	28800

* Use the 'Optic Type' variable from the previous page



Are you a manufacturer or display fabricator?

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Email: Solutions@ElementalLED.com



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Light Guide Panels from Diode LED





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**TRANSPARENCIES,
GENERAL LIGHTING, AND
DECORATIVE SHELVING**

Credit: Ulta Beauty Supply

LED LIGHT GUIDE PANELS

Display & General Illumination

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

FEATURES & BENEFITS

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

QUICK SPECS

Voltage	12VDC & 24VDC
Dimming	Dimmable
Environment	Indoor
Certification	UL Listed

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



Manufactured in Reno, Nevada by Diode LED



LED LIGHT GUIDE PANEL BUYER'S GUIDE

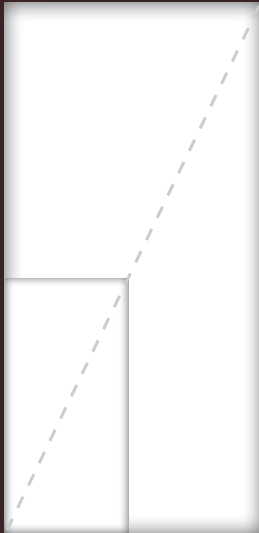
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CUSTOM SIZES:

From 1 X 1 in.
Up to 54 x 94 in. panels
Larger sizes available. Call for details.



COLOR:

Popular CCTs &
Color Changing options

	2400K
	2700K
	3000K
	3500K
	4200K
	5000K
	6500K
	RGB

BRIGHTNESS:

Get the right brightness
for your project



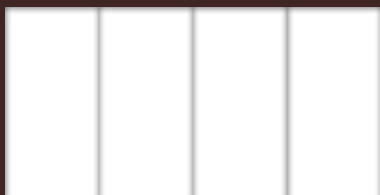
POWER & CONNECTION:

Get the panel that works
with your application

**12VDC
24VDC**

**Hard-wired
Plug-and-Play**

MULTI PANEL CONFIGURATIONS



UNIQUE SHAPE CREATION



PANEL ETCHING



EQUIFLUX[®] LED

Display Lighting System

- High powered display graphics lighting system mounted on rigid metal printed circuit board
- PCB that provides bright, even lighting for retail and trade show display graphics and fabrics
- Intersecting 10 x 55 parallel beams create consistent illumination and optimum lumen output
- Uniform distribution with no hot spots or shadows, ideal for narrow frameworks
- Lightweight light bar and aluminum frame allows for easy mounting with the included slot-mounted compression screws

FEATURES & BENEFITS

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

QUICK SPECS

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

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



SIDE VIEW

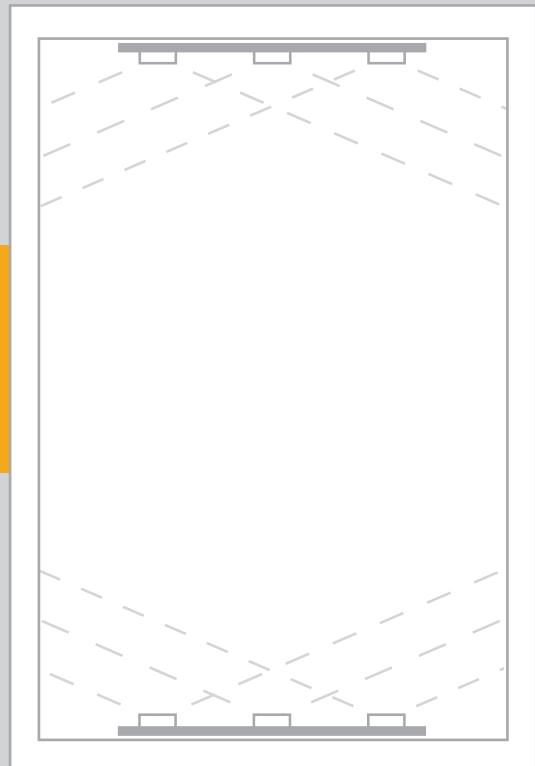
10° vertical lensing provides a narrow vertical lighting beam.

MAXIMUM LIGHT COVERAGE

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

FRONT VIEW

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



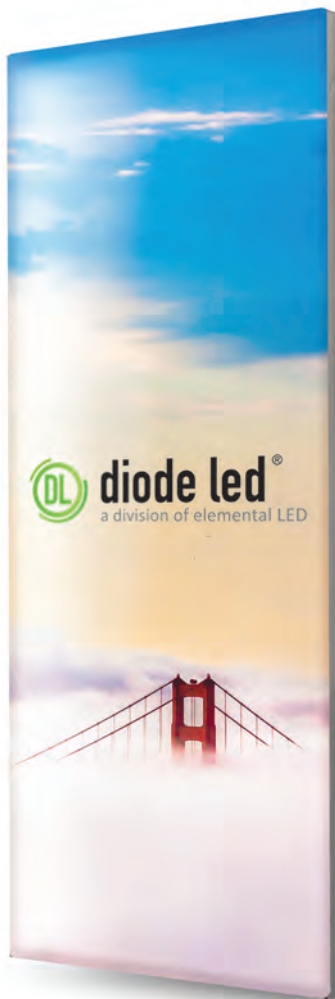
EQUIFLUX® Model Options

24-inch EQUIFLUX



12-inch EQUIFLUX

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



Displays that Stand Out

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





PURALIGHT[®]

LED Light Sheet

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

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

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

FEATURES & BENEFITS



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

QUICK SPECS

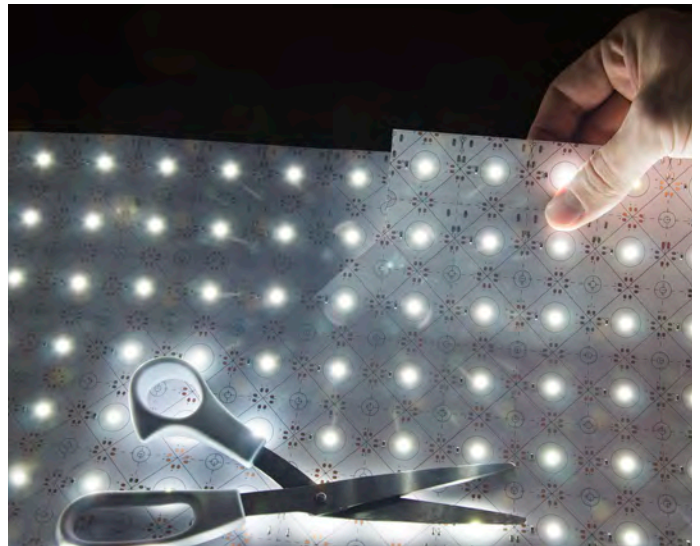
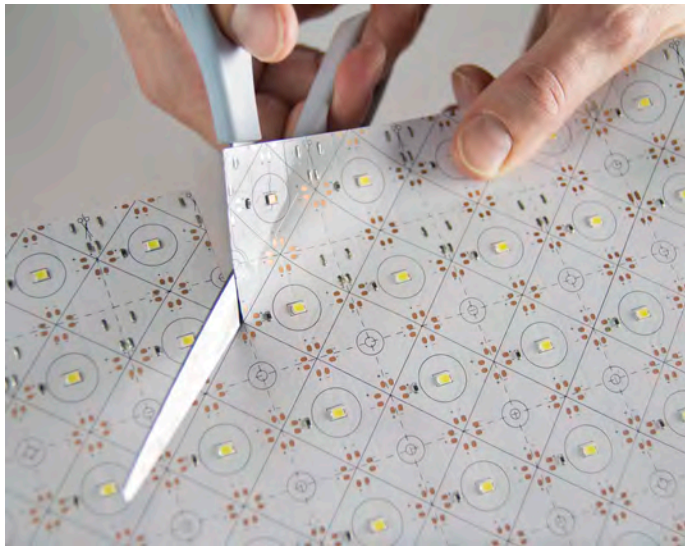
Voltage	12VDC
CRI	80+
Max Run	See Specification Sheet
Light Beam Angle	120° or 160°
Environment	Indoor

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

PURALIGHT® LED Light Sheet Options

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

- CHANNEL LIGHTING
- BACK LIGHTING
- LIGHTBOXES
- DISPLAYS





Mindful Design
Reno, NV
Backlit Onyx Countertop
Light Guide Panel



Van Meter & Nelson Electric
Cedar Rapids, IA
NEON BLAZE™





1
1
1
5

EXIT ➔

CONNECTORS WIRE & ACCESSORIES

Finish every application with high-quality connectors and components. Here you will find all of the essential accessories that fit between the light, the control, and the power supply.

Voltage Drop



WHAT IS VOLTAGE DROP?

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

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

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

Example: 12V Voltage Drop & Wire Length Distance Chart

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

1

Determine Total Load: A 16.4 ft. spool of BLAZE is 47.2 watts. Round up to the nearest load of 50 watts.

2

Determine Distance from LED Driver to Load: Let's assume the distance is 25 ft. Round up to nearest distance of 27 ft.

3

It's recommended to install 12 AWG wire between the driver and luminaire to eliminate excess voltage drop.

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

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

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

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

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

In-Wall Rated Two Conductor Wire

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



FEATURES & BENEFITS

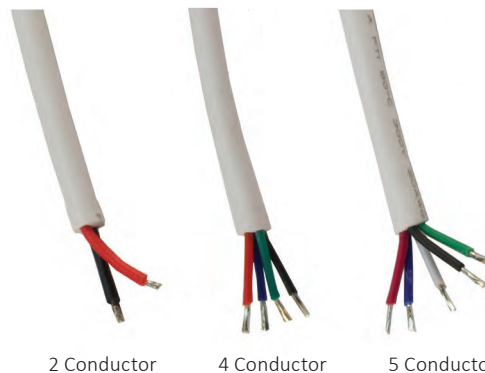
- UL Listed Class 2 wire
- Rated for use in-wall installations
- High purity, oxygen-free copper
- Durable outer jacket insulation



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

Multi-Conductor Wire

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



FEATURES & BENEFITS

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



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

8mm Tape Light Terminal Block Connector

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

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

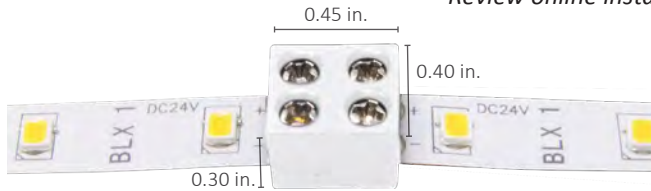
Terminal Tape Light Connector Compatibility

BLAZE™ X

BLAZE™ BASICS

BLAZE™ COLORS

Review online installation guide before use



8mm Tape-To-Tape Terminal Connectors

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

8mm Tape-To-Wire Terminal Connectors

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

CLICKTIGHT® Tape Light Connectors Single Color

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

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

LED TAPE LIGHT COMPATIBILITY

PRODUCT IMAGE	PRODUCT NAME	SKU (SINGLE UNIT)	SKU (PACK OF 5)	SKU (PACK OF 25)	LENGTH	BLAZE™ X BLAZE™ BASICS BLAZE™ COLORS
	CLICKTIGHT Tape Link Connector	DI-CKT-TL8	DI-CKT-TL8-5	DI-CKT-TL8-25	-	●
	CLICKTIGHT DC Plug Connector	DI-CKT-DC8	DI-CKT-DC8-5	DI-CKT-DC8-25	-	●
	CLICKTIGHT Splice Connector	DI-CKT-3SP8	DI-CKT-3SP8-5	DI-CKT-3SP8-25	3 in.	●
		DI-CKT-24SP8	DI-CKT-24SP8-5	DI-CKT-24SP8-25	24 in.	●
		DI-CKT-48SP8	DI-CKT-48SP8-5	DI-CKT-48SP8-25	48 in.	●
	CLICKTIGHT Flexible Extension Connector	DI-CKT-96SP8	DI-CKT-96SP8-5	DI-CKT-96SP8-25	96 in.	●
		DI-CKT-3BX8	DI-CKT-3BX8-5	DI-CKT-3BX8-25	3 in.	●
		DI-CKT-6BX8	DI-CKT-6BX8-5	DI-CKT-6BX8-25	6 in.	●
		DI-CKT-12BX8	DI-CKT-12BX8-5	DI-CKT-12BX8-25	12 in.	●
		DI-CKT-24BX8	DI-CKT-24BX8-5	DI-CKT-24BX8-25	24 in.	●
		DI-CKT-48BX8	DI-CKT-48BX8-5	DI-CKT-48BX8-25	48 in.	●

12mm Tape Light Terminal Block Connector

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

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

Terminal Tape Light Connector Compatibility

For use with VALENT® X tight-pitch LED tape light only

- Clear plastic for no dark spots

Review online installation guide before use



Wire Range: 16-20AWG

12mm Tape-To-Tape Terminal Connectors

SKU	BUNDLE OPTIONS
DI-TB12-CONN-TTT	Single
DI-TB12-CONN-TTT-5	Pack of 5
DI-TB12-CONN-TTT-25	Pack of 25

12mm Tape-To-Wire Terminal Connectors

SKU	BUNDLE OPTIONS
DI-TB12-CONN-TTW	Single
DI-TB12-CONN-TTW-5	Pack of 5
DI-TB12-CONN-TTW-25	Pack of 25



DID YOU KNOW?

12mm Tape Light Terminal Block Connectors fit inside CHROMAPATH BUILDER Channels perfectly.

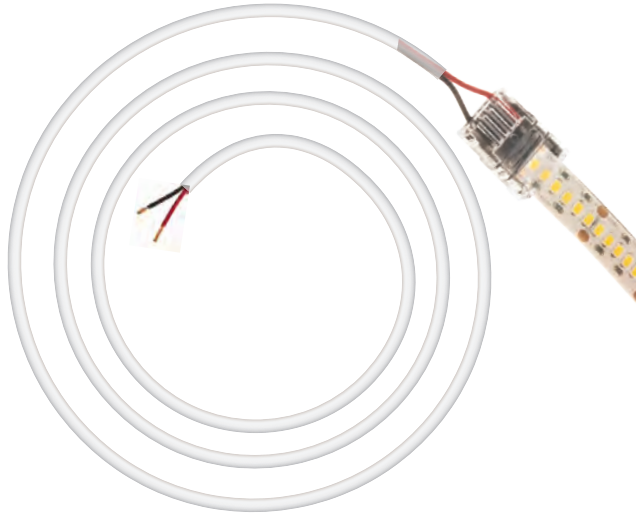
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BUILD IT YOUR WAY WITH BUILDER CHANNELS



VALENT® X Tape Light Connector – 24 in.

Connector Note: Class 2 maximum load limit on all CLICKTIGHT tape light connectors.
96W on 24V circuits



SKU

DI-CKT-24SPVX



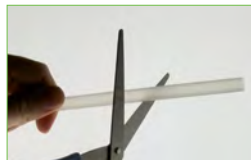
TAPEGUARD® LED Tape Light Cover



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

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

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



Tape Light Fastener



Tape Light Fasteners help keep LED tape light in a straight line and secure while supporting connections. Screws are included.

SKU	BUNDLE OPTIONS
DI-WM-TF	Pack of 10 (includes 20 screws)

CLICKTIGHT® Color Changing Tape Light Connectors

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

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

96W on 24V circuits

PRODUCT	SKU (SINGLE UNITS)	SKU (PACK OF 5)	SKU (PACK OF 25)	LENGTH	LED TAPE LIGHT COMPATIBILITY	
					DAZZLE® RGB	DAZZLE® RGBW & RGBW 4D
 <p>CLICKTIGHT TAPE LINK CONNECTOR</p>	DI-0895	DI-0895-5	DI-0895-25	N/A	●	
	DI-RGBW-CKT-LNK	DI-RGBW-CKT-LNK-5	DI-RGBW-CKT-LNK-25	N/A		●
 <p>CLICKTIGHT SPLICE CONNECTOR</p>	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.		●
 <p>CLICKTIGHT FLEXIBLE EXTENSION CONNECTOR</p>	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.		●

Wet Location Strip Light Accessories

Connectors are rated for 12V - Up to 60W
Class 2 applications, 24V - Up to 100W





















PRODUCT	SKU (SINGLE UNITS)	SKU (PACK OF 5)	SKU (PACK OF 25)	DESCRIPTION
 Wet Location Splice Connector Pair	DI-10MM-WL-SCP	DI-10MM-WL-SCP-5	DI-10MM-WL-SCP-25	3 in.
 Wet Location DC Adapter Connector	DI-10MM-WL-DC-F	DI-10MM-WL-DC-F-5	DI-10MM-WL-DC-F-25	3 in.
	DI-10MM-WL-DC-M	DI-10MM-WL-DC-M-5	DI-10MM-WL-DC-M-25	3 in.
 Wet Location Male-to-Female Extension Cable	DI-10MM-WL6-EXT	DI-10MM-WL6-EXT-5	DI-10MM-WL6-EXT-25	6 in.
	DI-10MM-WL12-EXT	DI-10MM-WL12-EXT-5	DI-10MM-WL12-EXT-25	12 in.
	DI-10MM-WL24-EXT	DI-10MM-WL24-EXT-5	DI-10MM-WL24-EXT-25	24 in.
 Wet Location LED Splitter Plug	DI-10MM-WLSP2	DI-10MM-WLSP2-5	DI-10MM-WLSP2-25	2-Way Splitter
	DI-10MM-WLSP3	DI-10MM-WLSP3-5	DI-10MM-WLSP3-25	3-Way Splitter
	DI-10MM-WLSP5	DI-10MM-WLSP5-5	DI-10MM-WLSP5-25	5-Way Splitter

PRODUCT	SKU	DESCRIPTION	LED TAPE LIGHT COMPATIBILITY		
			BLAZE™ X BLAZE™ BASICS	VALENT® X	STREAMLITE™
 Mounting Clips	DI-0754	Pack of 10	●		
	DI-WLMC-12MM	Pack of 10		●	
 Wet Location END-CAPS	DI-WL-EC	5 closed caps 5 open caps	●		
	DI-0842	Pack of 10			●
	DI-WL-12MM-EC-5	5 closed caps 5 open caps		●	
 Silicone Sealant	DI-WPSL	Single tube	●	●	●




DC Plug Connectors

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

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

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

Wire Management – Clips & Fasteners

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

Splice Boxes

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



Mini Terminal Junction Box

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

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

FEATURES & BENEFITS

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



Commercial-Grade Mini Junction Boxes

Both models offers these safety features and benefits:

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

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

FEATURES & BENEFITS

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



MEAN WELL® Junction Boxes

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

FEATURES & BENEFITS

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

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



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

LO-PRO® Junction Box (ETL Cert.)

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

FEATURES & BENEFITS

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

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

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



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

LO-PRO® Junction Box (UL Cert.)

PATENTED

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

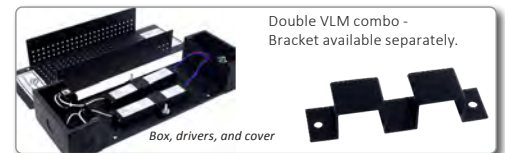


UL LISTED DRIVER OPTION

For details about the LO-PRO JUNCTION BOX & DRIVER COMBO OPTION, turn to the LED Power Supplies section of the catalog on page 126.

UL Listed Industrial Control Panel Enclosure UL Standard 508A-

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



SKU	DESCRIPTION	ENVIRONMENT	DIMENSIONS
DI-JBOX-LPL	LO-PRO Junction Box - Large	Indoor	13.5 x 4.5 x 2.25 in.
DI-JBOX-LPS	LO-PRO Junction Box - Small	Indoor	11.25 x 3.75 x 1.8 in.
DI-JBOX-LPM	LO-PRO Junction Box - Mini	Indoor	8 x 3 x 1.5 in.
DI-JBOX-LPL-VLM	LO-PRO Junction Box - Large with Double VLM Bracket	Indoor	13.5 x 4.5 x 2.25 in.
DI-JBOX-VLM-MTBR	Double VLM Driver Mounting Bracket Only	Indoor	See Specification Sheet



CONTROL SYSTEMS, SWITCHES, & DIMMERS

Every lighting application needs some method of control- From on/off switches, to dimmers, or color control. Diode LED has standard and smart solutions for your application.

Caséta™ Wireless



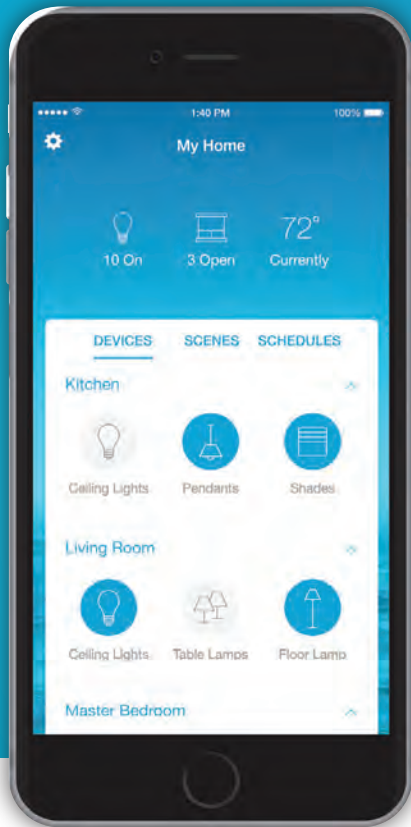
WiFi
Functionality

Diode LED presents Caséta compatibility

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

Compatible with -
OMNIDRIVE®
OMNIDRIVE® 2
Lutron® Hi-lume™

See specification sheet for details



STEP 1

Install Caséta dimmers.

Recommended installation by a certified electrician.



STEP 2

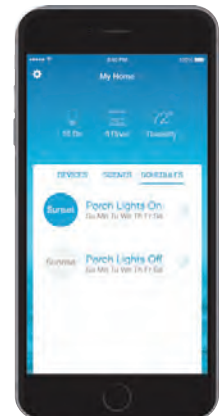
Connect Smart Bridge to your Wi-Fi router.



Smart Bridge required for connectivity.

STEP 3

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



CASÉTA In-Wall Dimmer

Smart lighting dimmer switch



SKU	COLOR	WORKING VOLTAGE	MAX. LOAD
PD-6WCL-WH	<input type="checkbox"/> White	120VDC	150W

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

Compatible with OMNIDRIVE® 2 and Lutron Hi-lume

CASÉTA ELV In-Wall Dimmer

Smart lighting dimmer switch



SKU	COLOR	WORKING VOLTAGE	MAX. LOAD
PD-5NE-WH	<input type="checkbox"/> White	120VDC	250W

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

Compatible with OMNIDRIVE®, OMNIDRIVE® 2, & Lutron Hi-lume



Lutron Claro® Wallplate

Flush wallplate that fits with Caséta dimmer & Pico bracket mount

SKU	COLOR
CW-1-WH	<input type="checkbox"/> White



LUTRON Smart Bridge PRO

Smart hub required for mobile functionality

SKU	WORKING VOLTAGE
L-BDGPRO2-WH	
L-BDGPRO2-WH-C (Canada)	5V Plug-In Adapter (Included)

CASÉTA Pico Remote

Wireless remote dimmer switch (Wall Dimmer required)

SKU	COLOR	WORKING VOLTAGE
PJ2-3BRL-WH-LO1R	<input type="checkbox"/> White	3V Battery Included
L-PED1-WH	<input type="checkbox"/> White	Desk Stand
PICO-WBX-ADAPT	<input type="checkbox"/> White	Wall Mount Bracket



Desk Stand accessory



Wire Free Wall Mount accessory (Wallplate sold separately)

12V-24VDC Inline Switches & Dimmers

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

Consult the product page at www.DiodeLED.com to find complete installation guides and specification sheets.



Inline LED Dimmer Switch

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

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

FEATURES & BENEFITS

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



Inline On/Off Led Switch

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

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

FEATURES & BENEFITS

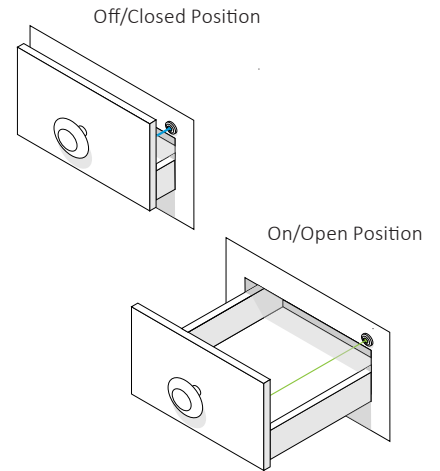
- Good for tight installations
- White or Black
- 12V and 24V compatible
- Use with Constant Voltage Drivers and Plug-In Adapters



12V-24VDC Inline Specialty Switches

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

Consult the product page at www.DiodeLED.com to find complete installation guides and specification sheets.



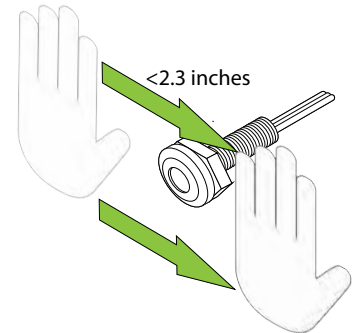
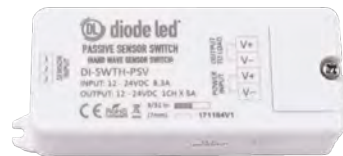
Proximity Sensor Switch

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

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

Passive Sensor Switch

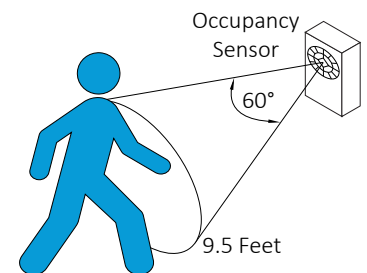
Wave hand in front of sensor (range ≤ 2.3 inches) to activate lighting; wave again to deactivate lighting.



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

Occupancy Sensor Switch

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



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

TOUCHDIAL™

LED CONTROL SYSTEM

Color Control
Dimming Control
Smartphone Control



TOUCHDIAL™ LED Control System

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



FEATURES & BENEFITS

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



TOUCHDIAL™ Receiver

DI-RF-REC-CV-A

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



TOUCHDIAL™ Mini-Receiver

DI-RF-REC-CV-SC

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

Wall Paddle Dimmer

DI-RF-WPD-DIM-1



Dual Wall Paddle Dimmer

DI-RF-WPD-DIM-2



Wall Dimmer Single Color

DI-RF-WMT-DIM



Remote Dimmer Single Color

DI-RF-REM-DIM-5



Mini Remote Dimmer Single Color

DI-RF-REM-DIM-1



Wall Controller RGB(W)

DI-RF-WMT-RGBW



Not Compatible

Remote Control RGB(W)

DI-RF-REM-RGBW-4



Not Compatible

Tunable White Control (WW)

DI-RF-REM-TW-4



Not Compatible

Mini Remote Controller RGB(W)

DI-RF-REM-RGBW-1



Not Compatible

WiFi Hub

DI-WIFI-RF-TRMS



TOUCHDIAL™ LED CONTROLS & ACCESSORIES

TOUCHDIAL SINGLE COLOR DIMMING CONTROL



Wall Paddle Dimmer

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



Dual Wall Paddle Dimmer

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



Wall Dimmer Single Color

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



Remote Dimmer Single Color

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



Mini Remote Dimmer Single Color

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

TOUCHDIAL COLOR CONTROL



Remote Control RGB(W)

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



Tunable White Control (WW)

DI-RF-REM-TW-4
Color tuning and AND dim your lights in up to 4 zones.



Wall Controller RGB(W)

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



Mini Remote Controller RGB(W)

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



WiFi Hub



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

CASAMBI

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

All Casambi products are configured via the mobile application. Visit www.DiodeLED.com for more details and compatibility.



CASAMBI PWM4



Single color dimming & color control.

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

COMPATIBILITY

BLAZE™ X
VALENT® X
BLAZE™ BASICS

HYDROLUME®
HYDROLUME® RGB
DAZZLE® RGB(W)



CASAMBI A2D



0-10V dimming control.

SKU	WORKING VOLTAGE
CBU-A2D	100-240VAC, 277VAC

COMPATIBILITY

0-10V Dimmable Drivers
Pg.144



CASAMBI TED



AC high-voltage dimmer.

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

COMPATIBILITY

OMNIDRIVE®
Pg. 136

OMNIDRIVE® 2
Pg. 138

ATTRIBUTE™ Color Controller System

REMOTE CONTROL

CONTROL RECEIVER



FEATURES & BENEFITS

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



SKU

DI-ATT-RGBW-REM

TYPE

ATTRIBUTE RGB(W) Receiver and Remote Controller



AdventHealth Rehabilitation Center
Winter Park, Florida
RLF Architecture Engineering Interiors

COLOR CODED HEALTH CARE

AdventHealth Rehabilitation Center in Winter Park, Florida uses color changing lighting for status updates and general notifications for doctors and staff. Lighting as a messaging system is becoming more common as LED color changing technology becomes more widely adopted and recognized. Ask us about other ways LED lighting can guide your teams and clients to a safer, more informed future.

- Powered with Diode LED Technology -

COLOR CONTROL & DMX SERVICES

A modern two-story house at night, illuminated with various colors. The house has large glass windows and doors, showing the interior. The swimming pool is lit with a blue light, and the deck is lit with a warm white light. The sky is dark with some clouds.

WE ARE READY TO MAKE YOUR LIGHTING DREAMS A REALITY

DMX Programming Services

In-house software experts available to program all DMX Controllers sold by Diode LED

- Support for themed or sequential lighting in single or multiple fixture installations
- Color matching for brand and seasonal event lighting applications
- Custom scenes or choose from a library of popular modes

Contact your Diode LED Lighting Specialist for quotes and service details.
Ask About DMX Programming Services

Programming@DiodeLED.com

DMX Control

STAY UP TO DATE

Visit www.DiodeLED.com for the latest in DMX control and DMX accessories.



Nicolaudie® STICK-KE2 DMX LED Controller

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



SKU	WIFI	DIMENSIONS
DI-DMX-KE2	Router required	4.17 x 5.75 x 0.40 in.

FEATURES & BENEFITS

- Software programmable
- Mounts to a single gang box
- iOS and Android compatible



DMX Wall Mount Controller

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



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

FEATURES & BENEFITS

- iOS & Android compatible
- Up to 3 zones
- Mounts to a single gang box



Nicolaudie® STICK-GA2 DMX LED Controller

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



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

FEATURES & BENEFITS

- Digital display
- Touch-sensitive pad
- Up-to 99 scenes



Nicolaudie® STICK-DE3 DMX LED Controller

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



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

FEATURES & BENEFITS

- iOS & Android compatible
- Software programmable
- Calendar function



DMX Wallmount Dual Color - Tunable White Controller

This DMX-capable color tuning control is ideal for BLAZE™ SELECT- Tunable White Light Tape Light. Touch-sensitive, glass surface is modern and stylish.

SKU	WIFI	DIMENSIONS
DI-DMX-WIFI-WMDC-12WH	Router required	2.95 x 4.72 x 1.15 in

FEATURES & BENEFITS

- iOS & Android compatible
- Programmable presets
- Touch-sensitive pad



Nicolaudie® SLESA-U9 DMX LED Color Controller

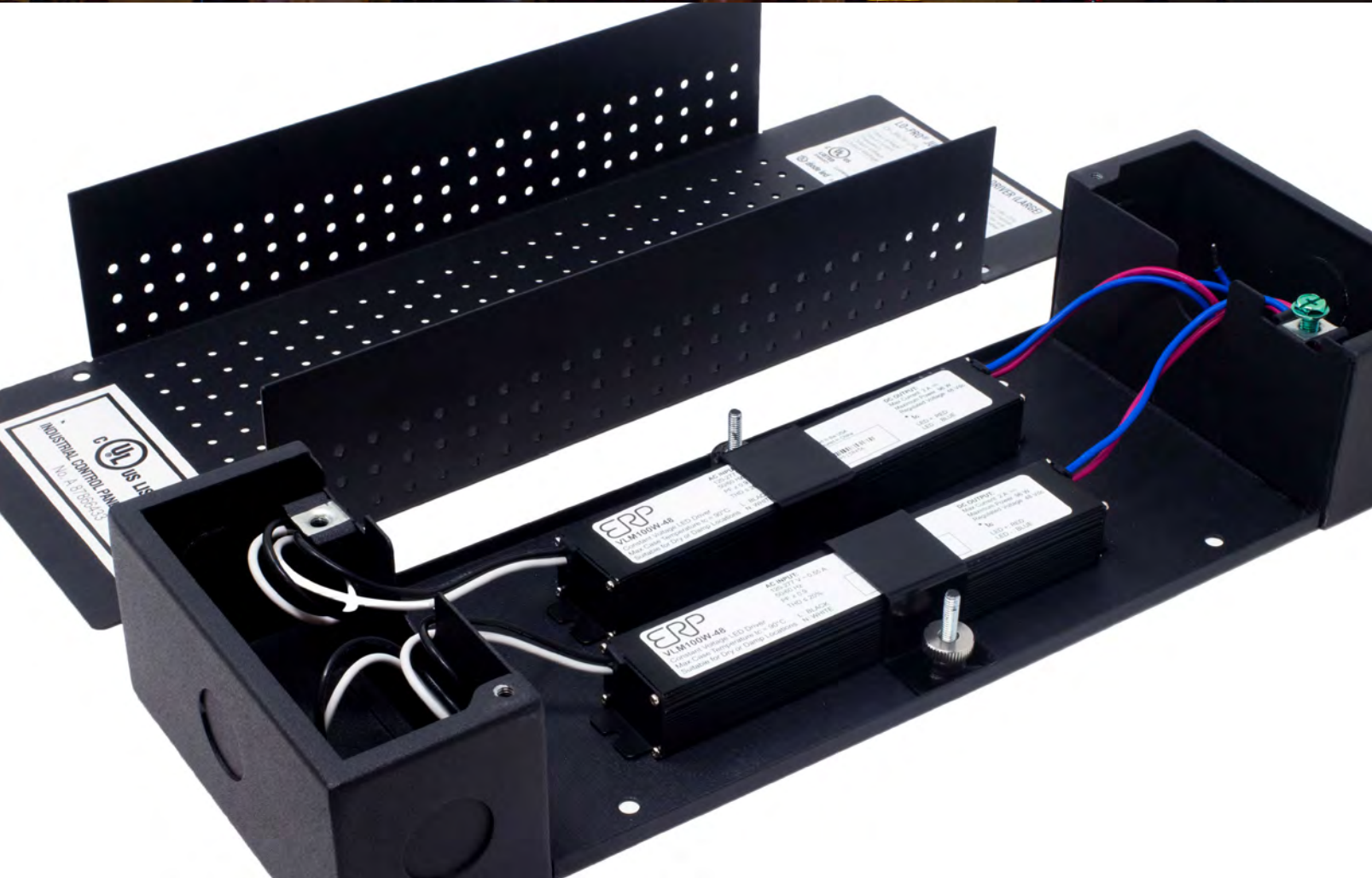
This LED controller is ideal for taking your light show on the road. Quick connections make this the perfect controller in multiple venues or isolated locations.

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

FEATURES & BENEFITS

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





POWER SUPPLIES

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

THE LEADER IN J-BOX DEVELOPMENT

Diode LED has developed an industry-defining model for **UL Listed** J-Boxes and patent design creation. The LO-PRO Series of junction boxes has changed the way many contractors install and quote electrical and lighting systems.



STEEL CONSTRUCTION

Durable and corrosion-resistant, powder coated zinc plated steel.

MODULAR MOUNTING

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

OPTIMIZED VENTILATION

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

KNOCKOUTS WHERE YOU NEED THEM

Connection to conduit entry is easy with multiple knockout locations, fitting 1/2 in. and 3/4 in. fittings.

(See specifications for details)

A SIZE FOR EVERY APPLICATION

LO-PRO Box is available in multiple capacities to fit small or large power supplies and other electrical equipment.

MULTIPLE UL CERTIFICATIONS

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

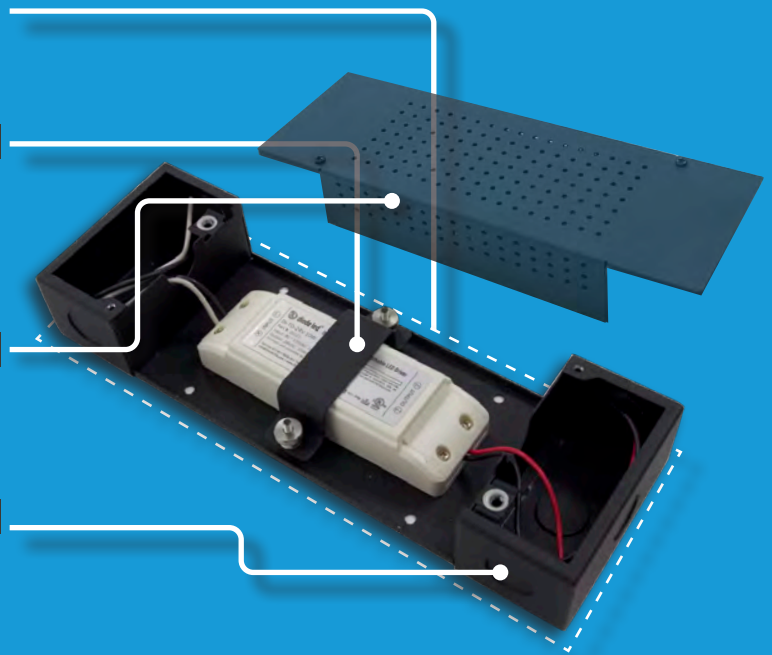
Certified as a listed LED low-voltage power unit. Optional - only applies when purchased as a driver & J-box combo. See ordering options. A UL E469769 sticker will be placed on the outside of the LO-PRO box certifying the product as an LED low-voltage power unit.

UL 508A (UL# E486215) INDUSTRIAL CONTROL PANEL

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

UL 1598 (UL# E485321) LUMINAIRE FITTING

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



NEMA 3R
OUTDOOR J-BOX

Available
Summer 2020

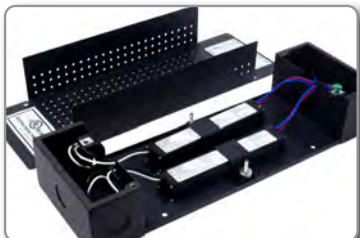
Outdoor rated and wet location NEMA 3R
Junction Box for use with various DIODE
LED drivers and controllers.

PATENTED**LO-PRO® Junction Box - Large (LPL)**

13.5 x 4.5 x 2.37 in.

LO-PRO® Junction Box - Small (LPS)

11.25 x 3.75 x 1.9 in.

LO-PRO® Junction Box - Mini (LPM)Mini For use with VLM Drivers only
8 x 3 x 1.5 in.**LO-PRO® Double VLM Combo****UL LISTED DRIVER OPTION**Use this chart to find drivers that qualify for the **LO-PRO COMBO****OMNIDRIVE® Electronic Dimmable Drivers**

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

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0-10V Drivers

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

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Constant Voltage Drivers

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

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VLM Drivers

UL DRIVER OPTION (DRIVER/J-BOX COMBO)	WATTAGE	INPUT VOLTAGE	OUTPUT VOLTAGE	PAGE
Mini J-Box				
VLM60W-12-LPM	60W	120 / 277VAC	12VDC	
VLM60W-24-LPM	60W	120 / 277VAC	24VDC	
VLM100W-24-LPM	100W			
VLM60W-48-LPM	60W	120 / 277VAC	48VDC	
VLM100W-48-LPM	100W	120 / 277VAC		146
Double VLM Combo J-Box				
VLM120W-12-LPL	2x 60W	120 / 277VAC	12VDC	
VLM200W-24-LPL	2x 100W	120 / 277VAC	24VDC	

DIODE LED POWER SUPPLY PRODUCT COMPARISON CHART

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

PRODUCT	INPUT VOLTAGE	OUTPUT VOLTAGE	WATTAGE	CERTIFICATIONS	ENVIRONMENT	PAGE				
SWITCHEX® Driver + Dimmer Switch SWITCHEX is the only dimmer with an integrated LED power supply. Wall mounted and available in your choice of finish.	120VAC	12VDC	40W	UL Listed	Indoor	132				
			60W	UL Listed						
		24VDC	60W	UL Listed						
			100W	UL Listed						
		OMNIDRIVE® Electronic Dimmable Drivers General Dimming to 10%, MLV/ELV/TRIAC	120VAC	12VDC			10W	UL Listed	Indoor	136
							20W	UL Listed		
							30W	UL Listed		
							45W	UL Listed		
							60W	UL Listed		
				24VDC			80W	UL Listed	Indoor/ Outdoor	
120W	UL Listed									
10W	UL Listed				Indoor					
20W	UL Listed									
30W	UL Listed									
24VDC	45W	UL Listed	Indoor/ Outdoor							
	60W	UL Listed								
	80W	UL Listed								
	96W	UL Listed								
	120W	UL Listed								
OMNIDRIVE® 2 Electronic Dimmable Drivers With Enclosure General Dimming to 5% , MLV/ELV/TRIAC with ETL Listed J-Box	120VAC	12VDC	24W	ETL Listed	Indoor	138				
			60W	ETL Listed						
			120W	ETL Listed						
			200W	ETL Listed						
		24VDC	24W	ETL Listed			Indoor			
			60W	ETL Listed						
			96W	ETL Listed						
			120W	ETL Listed						
			200W	ETL Listed						
			200W	ETL Listed						

CONTINUED ON NEXT PAGE

Diode LED Power Supply Product Comparison Chart

PRODUCT	INPUT VOLTAGE	OUTPUT VOLTAGE	WATTAGE	CERTIFICATIONS	ENVIRONMENT	PAGE
MikroDIM™ Electronic Dimmable Driver A compact, ELV dimmable power supply with no minimum load.	120VAC	12VDC	60W	UL Component Recognized	Indoor	134
		24VDC	60W	UL Component Recognized		
Magnetic Dimmable Drivers ETL Listed Built-in Junction Box for MLV	120VAC	12VDC	20W	ETL Listed	Indoor/ Outdoor	140
			40W	ETL Listed		
			60W	ETL Listed		
			100W	ETL Listed		
			120W Multi-tap	ETL Listed		
			180W Multi-tap	ETL Listed		
			200W	ETL Listed		
	300W Multi-tap	ETL Listed				
	277VAC	12VDC	20W	ETL Listed		
			60W	ETL Listed		
			100W	ETL Listed		
			200W	ETL Listed		
			300W	ETL Listed		
			120VAC	24VDC	40W	
96W					ETL Listed	
192W Multi-tap	ETL Listed					
200W	ETL Listed					
288W Multi-tap	ETL Listed					
300W	ETL Listed					
277VAC	24VDC	20W	ETL Listed			
		40W	ETL Listed			
		96W	ETL Listed			
		200W	ETL Listed			
		300W	ETL Listed			
Lutron® Hi-lume™ Dimmable LED Drivers Premium flicker-free dimming with Lutron® 2-wire and 3-wire systems.	120VAC	12VDC	40W (LTE)	UL Listed	Indoor	142
	120/240 277VAC		40W (LTE)	UL Listed	Indoor	
	120VAC	24VDC	40W (LTE)	UL Listed	Indoor	
	120/ 240/ 277VAC		40W (L3D)	UL Listed	Indoor	
			96W (L3DO)	UL Listed	Indoor	

CONTINUED ON NEXT PAGE

Diode LED Power Supply Product Comparison Chart

PRODUCT	INPUT VOLTAGE	OUTPUT VOLTAGE	WATTAGE	CERTIFICATIONS	ENVIRONMENT	PAGE
0-10V Dimmable Driver Ideal for retrofitting low-voltage LED fixtures in commercial applications.	120/ 240/ 277VAC	12VDC	40W	Component Recognized, UL Listed (optional)	Indoor/ Outdoor	144
			60W	Component Recognized, UL Listed (optional)		
			60W	Component Recognized		
	120/ 240/ 277VAC	24VDC	60W	Component Recognized, UL Listed (optional)		
			90W	Component Recognized, UL Listed (optional)		
			100W	Component Recognized		
VLM Series Constant Voltage Driver Small footprint with lots of power. UL-Listed J-Box option available.	120/ 277VAC	12VDC	60W	UL Listed	Indoor	146
			100W	UL Listed	Indoor	
		24VDC	60W	UL Listed	Indoor	
			100W	UL Listed	Indoor	
		48VDC	60W	UL Listed	Indoor	
			100W	UL Listed	Indoor	
Constant Voltage Drivers Essential for most On/Off applications and Color Changing applications. Dimmable with in-line dimming options (see online specification sheets for compatibility).	120/240VAC		12W	Component Recognized	Indoor/ Outdoor	150
			20W	Component Recognized, UL Listed (optional)	Indoor/ Outdoor	
			25W	Component Recognized	Indoor	
			35W	Component Recognized, UL Listed (optional)	Indoor/ Outdoor	
			60W	Component Recognized, UL Listed (optional)	Indoor/ Outdoor	
			120W	Component Recognized	Indoor/ Outdoor	
	120VAC	12VDC	150W	Component Recognized	Indoor	
			200W	Component Recognized	Indoor	
	120/240VAC		300W	Component Recognized	Indoor	
			40W	Component Recognized, UL Listed (optional)	Indoor/ Outdoor	
	120/240VAC		60W	Component Recognized, UL Listed (optional)	Indoor/ Outdoor	
			60W	Component Recognized, UL Listed (optional)	Indoor/ Outdoor	
	120/240VAC		35W	Component Recognized, UL Listed (optional)	Indoor/ Outdoor	
			150W	Component Recognized	Indoor/ Outdoor	
	120VAC		200W	Component Recognized	Indoor	
			330W	Component Recognized	Indoor/ Outdoor	
	120/240VAC	24VDC	60W	Component Recognized	Indoor/ Outdoor	
			60W	Component Recognized, UL Listed (optional)	Indoor/ Outdoor	
90W			Component Recognized, UL Listed (optional)	Indoor/ Outdoor		
96W			Component Recognized, UL Listed (optional)	Indoor/ Outdoor		



PRODUCT	INPUT VOLTAGE	OUTPUT VOLTAGE	WATTAGE	CERTIFICATIONS	ENVIRONMENT	PAGE
Plug-In Adapters	120/ 240VAC	12VDC	6W	UL Listed	Indoor	154
			12W	UL Listed		
			24W	UL Listed		
			36W	UL Listed		
			60W	UL Listed		
	120/240VAC	24VDC	12W	UL Listed		
			24W	UL Listed		
			48W	UL Listed		
			90W	UL Listed		
			96W	UL Listed		

Plug-In Adapters

A portable power supply option for temporary and short-term applications. Dimmable with in-line dimming options (see online specification sheets for compatibility).

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

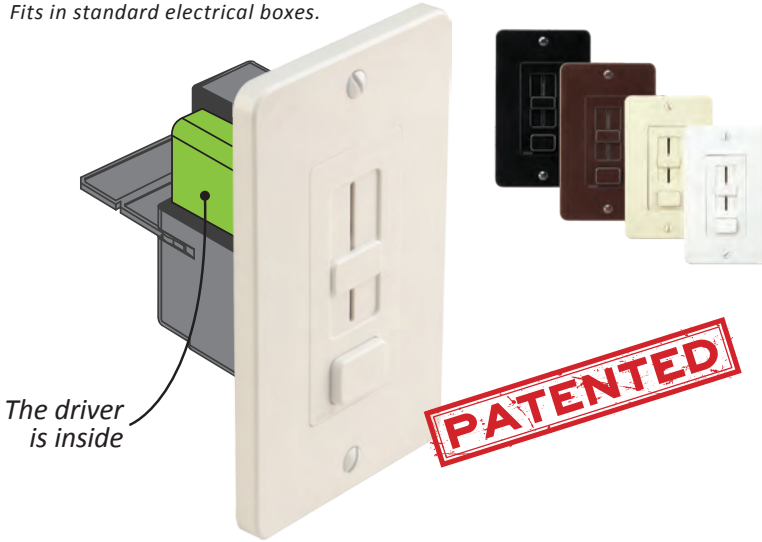
Data based on Class 2 power supplies. For drivers not listed here, see driver specification sheet.

DRIVER FINDER		OMNIDRIVE	OMNIDRIVE	OMNIDRIVE	SWITCHEX 0-10V	OMNIDRIVE	SWITCHEX OMNIDRIVE 0-10V	OMNIDRIVE	SWITCHEX 0-10V
		10W	20W	30W	40W	45W	60W	80W	100W
TAPE LIGHT MODEL									
BLAZE BASICS 100 1.46 W/FT	12V	≤ 6 ft.	≤ 13 ft.	≤ 20 ft.	≤ 27 ft. Max				
	24V	≤ 6 ft.	≤ 13 ft.	≤ 20 ft.	≤ 27 ft.	≤ 30 ft.	≤ 41 ft.	≤ 54 ft.	≤ 55 ft. Max
BLAZE BASICS 200 2.93 W/FT	12V	≤ 3 ft.	≤ 6 ft.	≤ 10 ft.	≤ 13 ft.	≤ 15 ft.	≤ 20 ft. Max		
	24V	≤ 3 ft.	≤ 6 ft.	≤ 10 ft.	≤ 13 ft.	≤ 15 ft.	≤ 20 ft.	≤ 27 ft.	≤ 34 ft. Max
BLAZE BASICS 300 4.4 W/FT	12V	≤ 2 ft.	≤ 4.5 ft.	≤ 6 ft.	≤ 9 ft.	≤ 10 ft.	≤ 13 ft. Max		
	24V	≤ 2 ft.	≤ 4.5 ft.	≤ 6 ft.	≤ 9 ft.	≤ 10 ft.	≤ 13 ft.	≤ 18 ft.	≤ 22 ft. Max
BLAZE X 100 1.56 W/FT	12V	≤ 6 ft.	≤ 12 ft.	≤ 19 ft.	≤ 25 ft.	≤ 28 ft.	≤ 37 ft. Max		
	24V	≤ 6 ft.	≤ 12 ft.	≤ 19 ft.	≤ 25 ft.	≤ 28 ft.	≤ 38 ft.	≤ 51 ft.	≤ 64 ft. Max
BLAZE X 200 3.1 W/FT	12V	≤ 3 ft.	≤ 6 ft.	≤ 9 ft.	≤ 12 ft.	≤ 14 ft.	≤ 19 ft. Max		
	24V	≤ 3 ft.	≤ 6 ft.	≤ 9 ft.	≤ 12 ft.	≤ 14 ft.	≤ 19 ft.	≤ 25 ft.	≤ 32 ft. Max
BLAZE X 300 4.3 W/FT	12V	≤ 2 ft.	≤ 4.5 ft.	≤ 6 ft.	≤ 9 ft.	≤ 10 ft.	≤ 13 ft. Max		
	24V	≤ 2 ft.	≤ 4.5 ft.	≤ 6 ft.	≤ 9 ft.	≤ 10 ft.	≤ 13 ft.	≤ 18 ft.	≤ 23 ft. Max
STREAMLITE 3.25 W/FT	12V								
	24V	≤ 3 ft.	≤ 6 ft.	≤ 9 ft.	≤ 12 ft.	≤ 13 ft.	≤ 18 ft.	≤ 24 ft.	≤ 30 ft. Max
VALENT X 500 4.6 W/FT	-								
	24V	≤ 2 ft.	≤ 4 ft.	≤ 6.5 ft.	≤ 8.5 ft.	≤ 9 ft.	≤ 13 ft.	≤ 17 ft.	≤ 21 ft. Max
VALENT X 800 7.2 W/FT	-								
	24V	≤ 1.25 ft.	≤ 2.5 ft.	≤ 4 ft.	≤ 5.5 ft.	≤ 6 ft.	≤ 8 ft.	≤ 11 ft.	≤ 13 ft. Max
BLAZE NEON 1.2W/FT	-								
	24V	≤ 8 ft.	≤ 16 ft.	≤ 25 ft.	≤ 33 ft.	≤ 37 ft.	≤ 50 ft.	≤ 65 ft. Max	≤ 65 ft. Max
BLAZE NEON 2.4W/FT	-								
	24V	≤ 3.5 ft.	≤ 7 ft.	≤ 11 ft.	≤ 14 ft.	≤ 16 ft.	≤ 22 ft.	≤ 29 ft.	≤ 32.8 ft. Max
BLAZE NEON 4.4W/FT	-								
	24V	≤ 2 ft.	≤ 4.5 ft.	≤ 6.5 ft.	≤ 9 ft.	≤ 10 ft.	≤ 13.5 ft.	≤ 16.4 ft. Max	≤ 16.4 ft. Max

SWITCHEX® Driver + Dimmer Switch

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

Fits in standard electrical boxes.



FEATURES & BENEFITS

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

QUICK SPECS

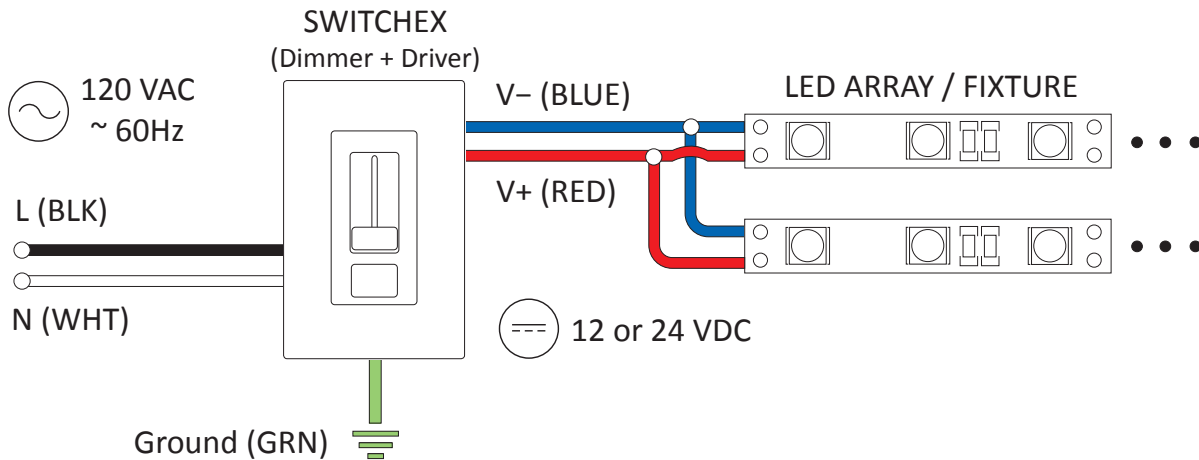
Environment	Indoor
Input Voltage	120VAC
Output Voltage	12VDC & 24VDC models
Connection Type	Hard-wired
Mounting	Single-Gang Box
Certifications	UL Listed 2108



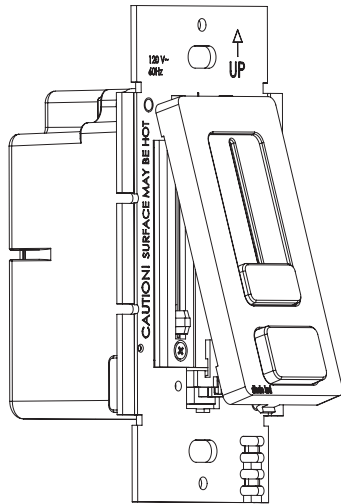
WINNER OF THE ARCHITECTURAL SSL PRODUCT INNOVATION AWARD



SWITCHEX® Driver and Dimmer Switch Diagram



SWITCHEX® Options



GLOSSY WHITE



GLOSSY LIGHT ALMOND



GLOSSY DARK BROWN



GLOSSY BLACK



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

SWITCHEX Driver + Dimmer Switch

VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

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

(Four Trim Plate Color Options)



SWITCHEX Trim Plate

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

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

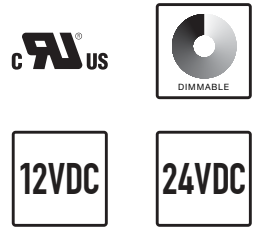
- No minimum load
- Compact design
- ELV Dimming

QUICK SPECS

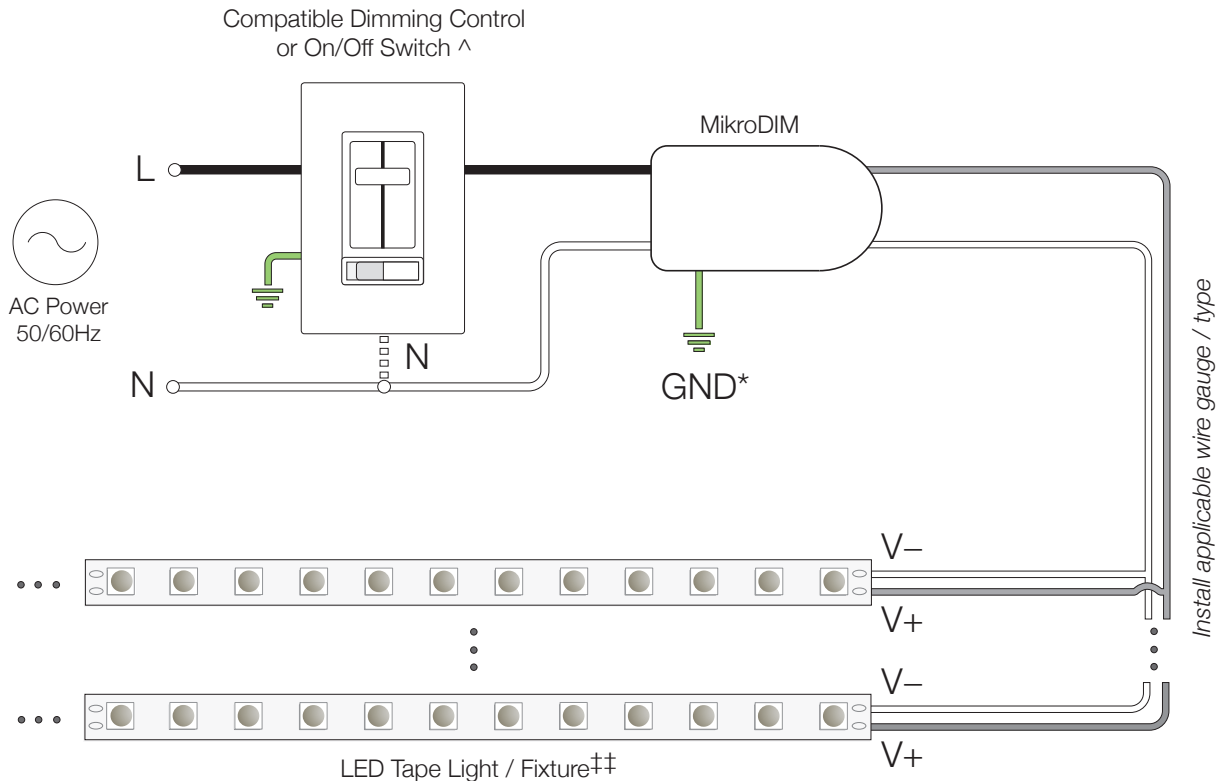
Environment	Indoor
Input Voltage	120VAC
Output Voltage	12VDC & 24VDC models
Connection Type	Hard-wired
Dimming	ELV Dimming (See compatibility on specification sheet)
Certification	UL Listed

COMPATIBILITY NOTE

This driver is NOT COMPATIBLE with Pulse Width Modulation (PWM) dimmers such as our REIGN® Wall Mount LED Dimmer Switches or In-line LED Dimmer Switches. Visit www.DiodeLED.com for a full compatibility guide.



MikroDIM® Electronic Dimmable Driver Diagram



MikroDIM™ Driver Model Options



12V MikroDIM™

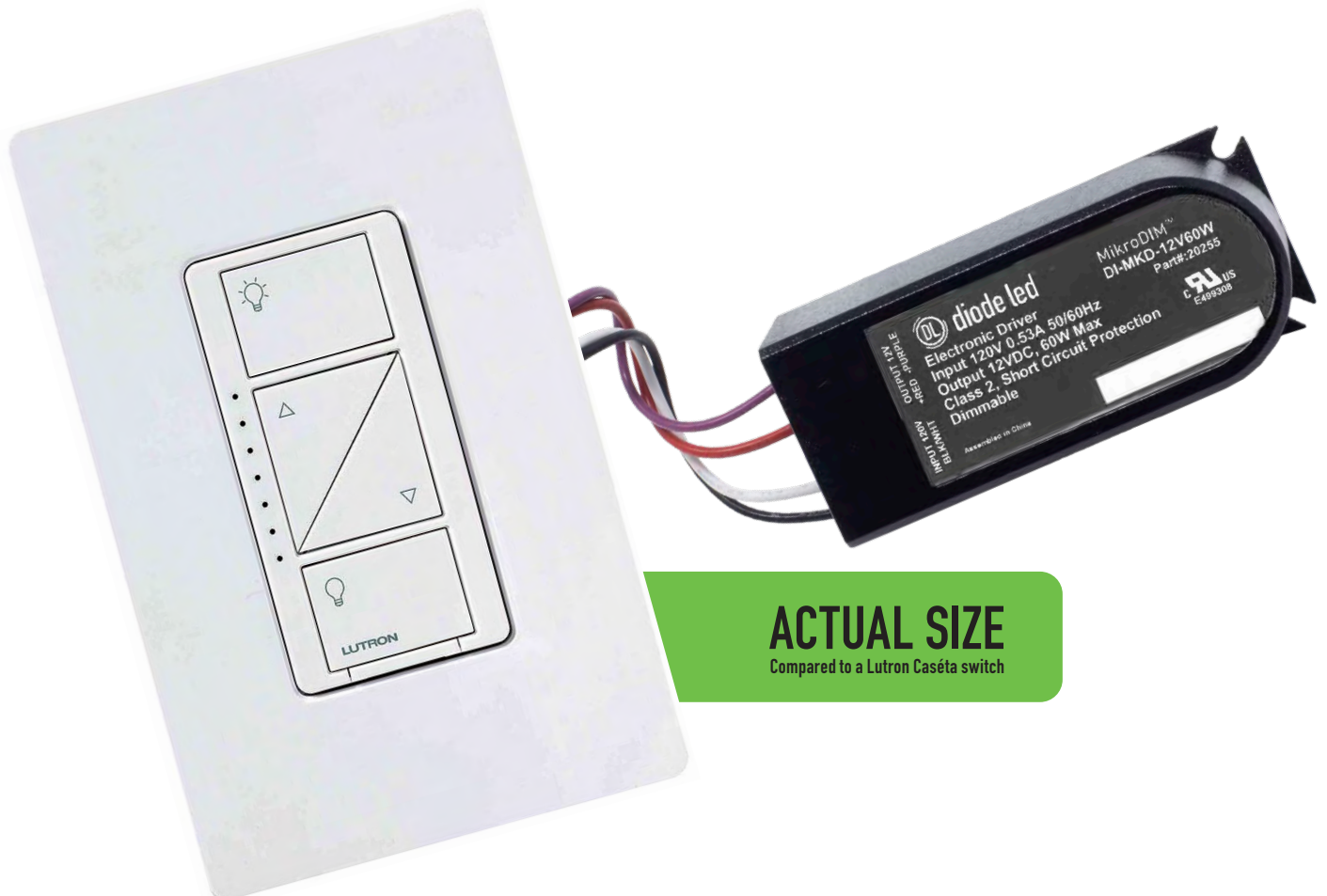
VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

OUTPUT	SKU (DRIVER ONLY)	WATTAGE	ENVIRONMENT	DIMENSIONS
12VDC	DI-MKD-12V60W	60W	Indoor	3.0 x 1.3 x 1.0

24V MikroDIM™

VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

OUTPUT	SKU (DRIVER ONLY)	WATTAGE	ENVIRONMENT	DIMENSIONS
24VDC	DI-MKD-24V60W	60W	Indoor	3.0 x 1.3 x 1.0



OMNIDRIVE® Electronic Dimmable Drivers

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

FEATURES & BENEFITS

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

QUICK SPECS

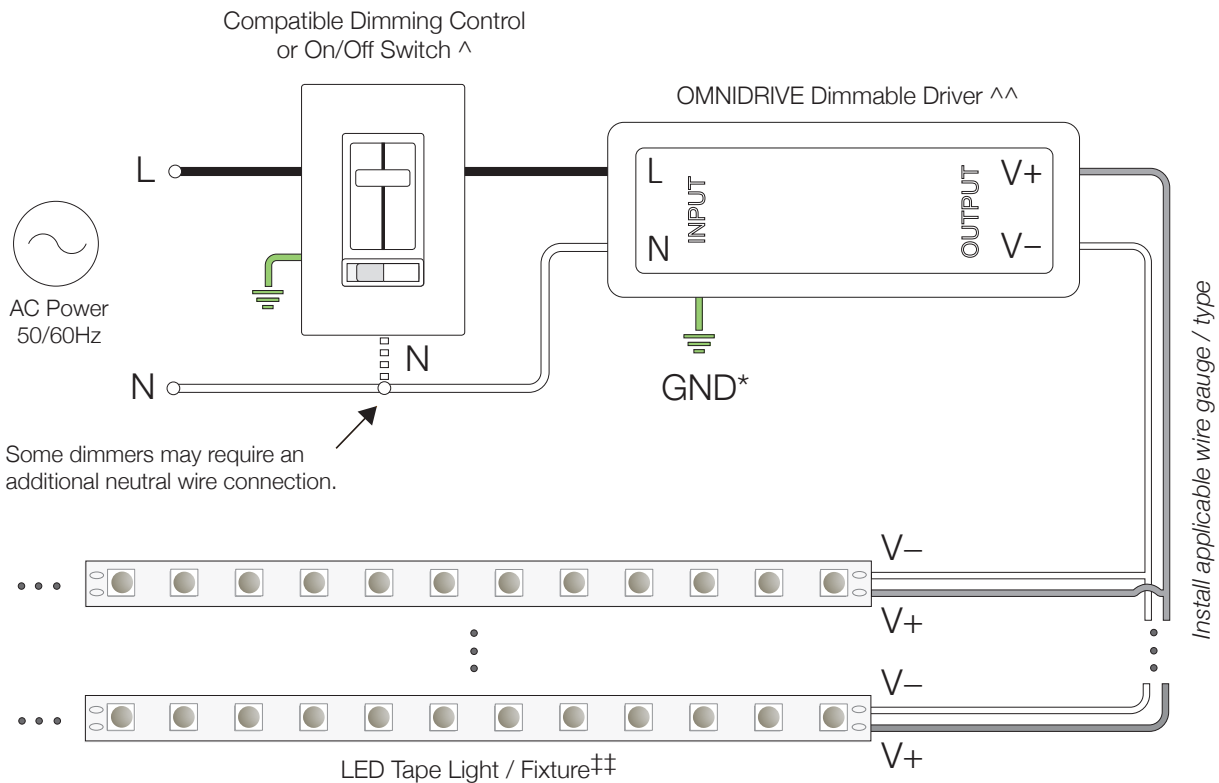
Environment	Indoor & outdoor models
Input Voltage	120VAC
Output Voltage	12VDC & 24VDC models
Connection Type	Hard-wired
Dimming	Forward Phase & Reverse Phase Dimming
Certification	UL Listed

COMPATIBILITY NOTE

This driver is NOT COMPATIBLE with Pulse Width Modulation (PWM) dimmers such as our REIGN® Wall Mount LED Dimmer Switches or In-line LED Dimmer Switches. Visit www.DiodeLED.com for a full compatibility guide.



OMNIDRIVE® Electronic Dimmable Driver Diagram



OMNIDRIVE® Driver Model Options

LO-PRO® JUNCTION BOX & DRIVER COMBO

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



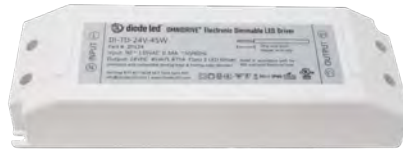
LO-PRO COMBO NOTE: Junction box will change the dimensions and certification on the driver. See specification sheet for updated specifications.

10W / 20W



5.7 x 2.1 x 0.75 in.

30W / 45W



7 x 2.3 x 1.35 in.

60W / 80W / 96W / 120W



9.1 x 2.7 x 1.8 in.

12V OMNIDRIVE®

VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

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

*Outdoor installations require an exterior rated J-box or appropriate exterior rated connection methods.

24V OMNIDRIVE®

VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

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

*Outdoor installations require an exterior rated J-box or appropriate exterior rated connection methods.

OMNIDRIVE® 2 Electronic Dimmable Drivers

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

FEATURES & BENEFITS

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

QUICK SPECS

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

Caséta™ Wireless

OMNIDRIVE® 2 is compatible with the Caséta wireless control system from Lutron. See page 49 for details.

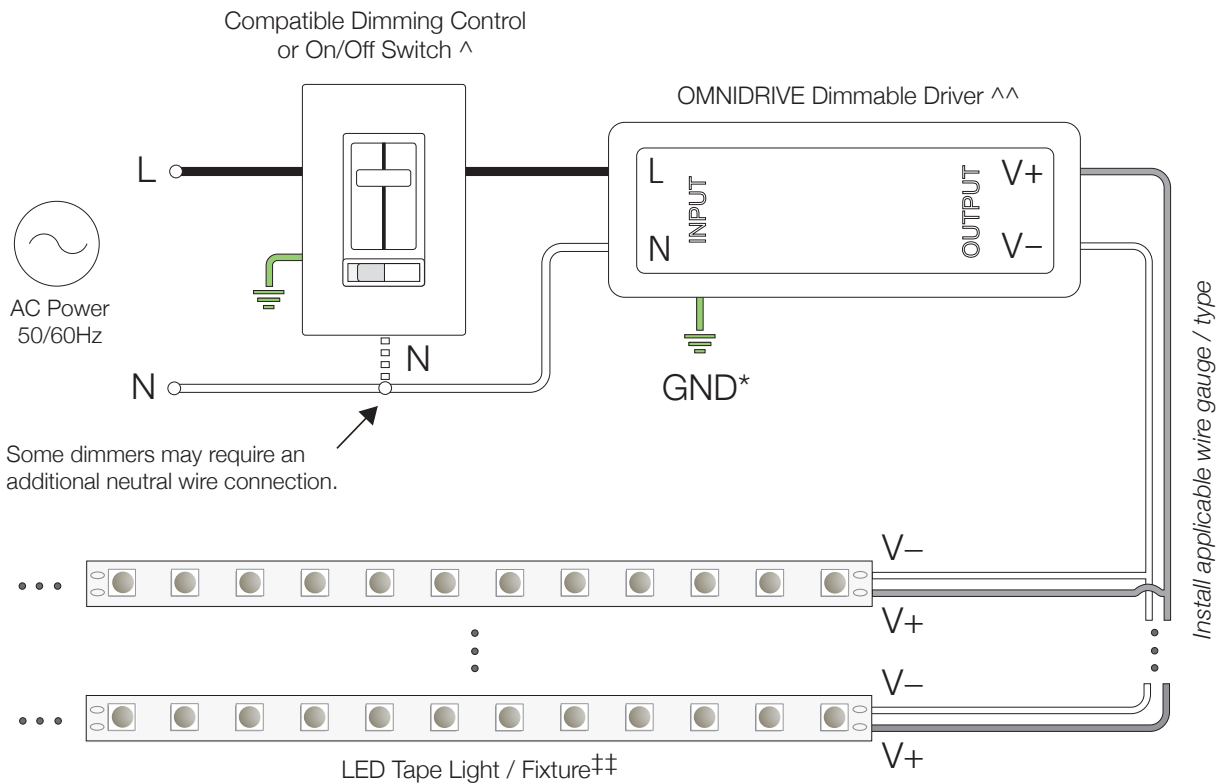


COMPATIBILITY NOTE

This driver is NOT COMPATIBLE with Pulse Width Modulation (PWM) dimmers such as our REIGN® Wall Mount LED Dimmer Switches or In-line LED Dimmer Switches. Visit www.DiodeLED.com for a full compatibility guide.



OMNIDRIVE® 2 Electronic Dimmable Driver Diagram



OMNIDRIVE® 2 Driver Model Options



13.75 x 3 x 1.6 in.



15 x 3.1 x 2.4 in.



16.1 x 3.4 x 2.4 in.

12V OMNIDRIVE® 2

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

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

24V OMNIDRIVE® 2

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

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

DID YOU KNOW?

OMNIDRIVE 2

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

Magnetic Dimmable Drivers

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

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

FEATURES & BENEFITS

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

QUICK SPECS

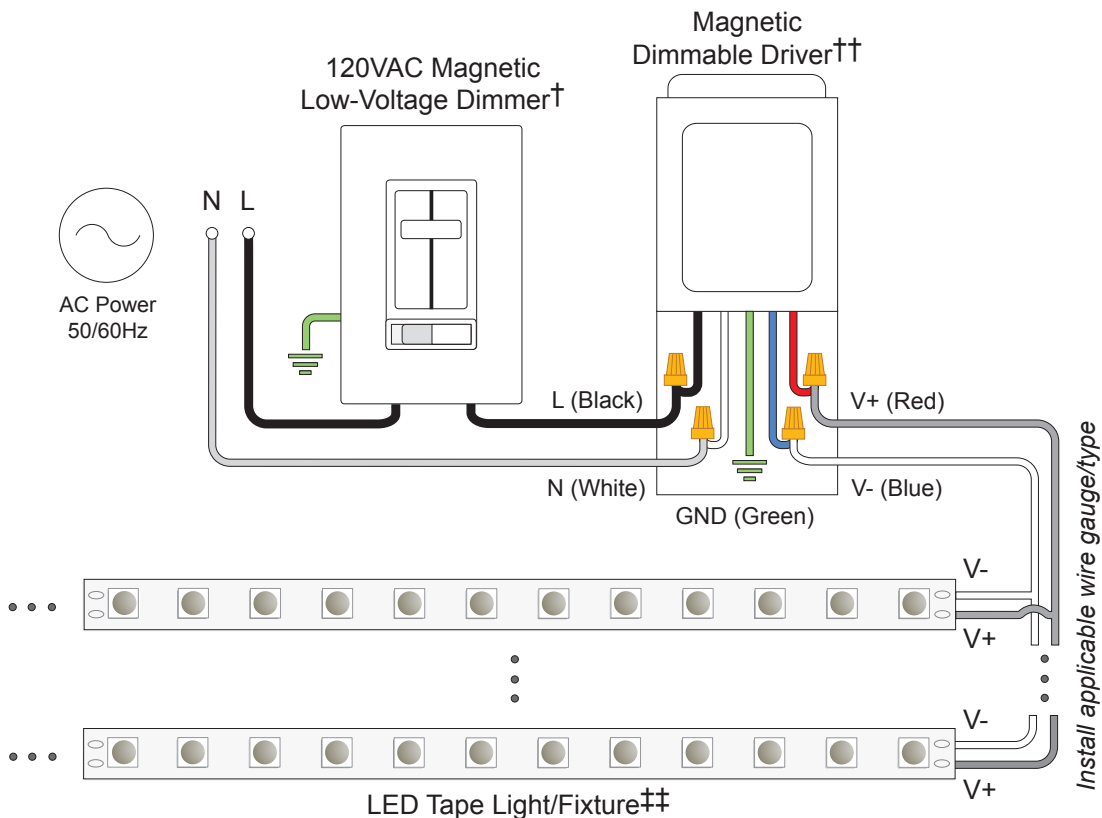
Environment	Indoor/Outdoor
Input Voltage	120VAC & 277VAC options
Output Voltage	12VDC & 24VDC models
Connection Type	Hard-wired
Dimming	Forward Phase Dimming
Certification	ETL Listed



COMPATIBILITY NOTE

This driver is NOT COMPATIBLE with Pulse Width Modulation (PWM) dimmers such as our REIGN® Wall Mount LED Dimmer Switches or In-line LED Dimmer Switches. Visit www.DiodeLED.com for a full compatibility guide.

Magnetic Dimmable Driver Diagram



Magnetic Dimmable Driver Model Options



2.2 x 2.2 x 5.6 in.



5.6 x 2.25 x 2.2 in.



6.6 x 2.6 x 2.3 in.



9.8 x 3 x 3 in.



9.8 x 4.2 x 3.5 in.

12V Magnetic Dimmable Driver

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

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

24V Magnetic Dimmable Driver

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

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



Lutron® Hi-lume™ Series LED Drivers

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

FEATURES & BENEFITS

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



COMPATIBILITY NOTE

These drivers are NOT COMPATIBLE with Pulse Width Modulation (PWM) dimmers such as our REIGN® Wall Mount LED Dimmer Switches or In-line LED Dimmer Switches. Visit www.DiodeLED.com for a full compatibility guide.

Hi-lume 1% 2-wire LTE LED driver

VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com



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

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

Hi-lume 1% 3-wire L3D LED driver

VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com



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

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

Hi-lume 0.1% L3DO LED driver

VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

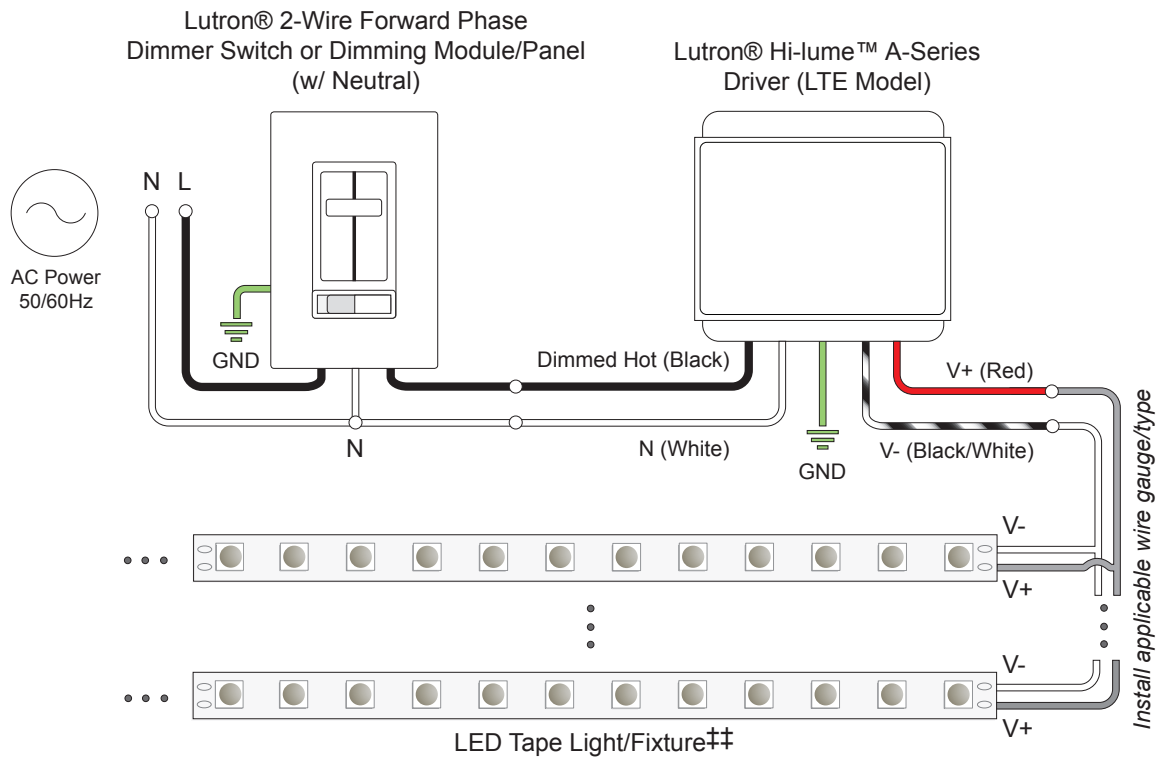


INPUT	OUTPUT	WATTAGE	SKU	DIMENSIONS
120/ 240/ 277VAC	24VDC	96W	DI-DM-24V96W-L3D	10.5 x 5.5 x 2.0 in.

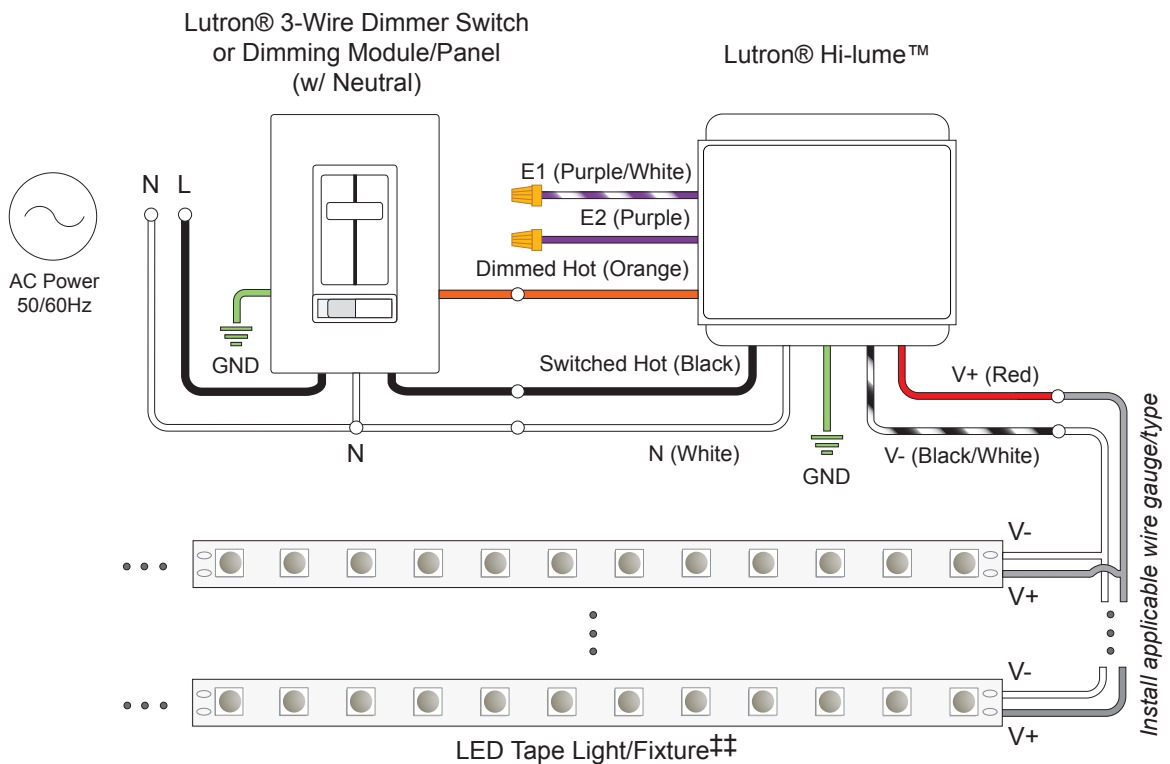
- High performance in cove and task lighting applications
- Greatest available dimming performance (100%-0.1%)
- 277VAC commercial level input



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



LUTRON® Hi-lume™ L3D & L3DO Driver Diagram



0-10V Dimmable LED Drivers

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

FEATURES & BENEFITS

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

QUICK SPECS

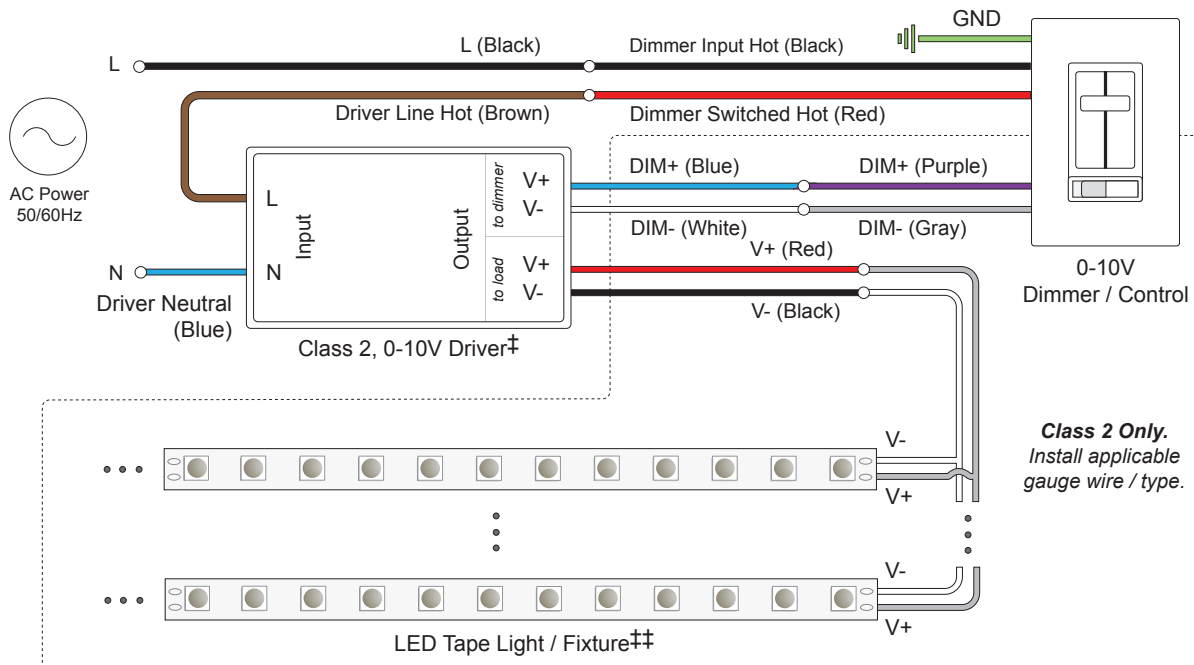
Environment	Indoor/Outdoor
Input Voltage	120/240/277VAC
Output Voltage	12VDC & 24VDC models
Connection Type	Hard-wired
Dimming	0-10V dimming systems
Certification	Component Recognized

COMPATIBILITY NOTE

This driver is NOT COMPATIBLE with Pulse Width Modulation (PWM) dimmers such as our REIGN® Wall Mount LED Dimmer Switches or In-line LED Dimmer Switches. Visit www.DiodeLED.com for a full compatibility guide.



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



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

‡‡ See fixture specifications for maximum series run limits.

Class 2 Only.
Install applicable gauge wire / type.

0-10V Dimmable LED Driver Model Options

LO-PRO® JUNCTION BOX & DRIVER COMBO

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



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



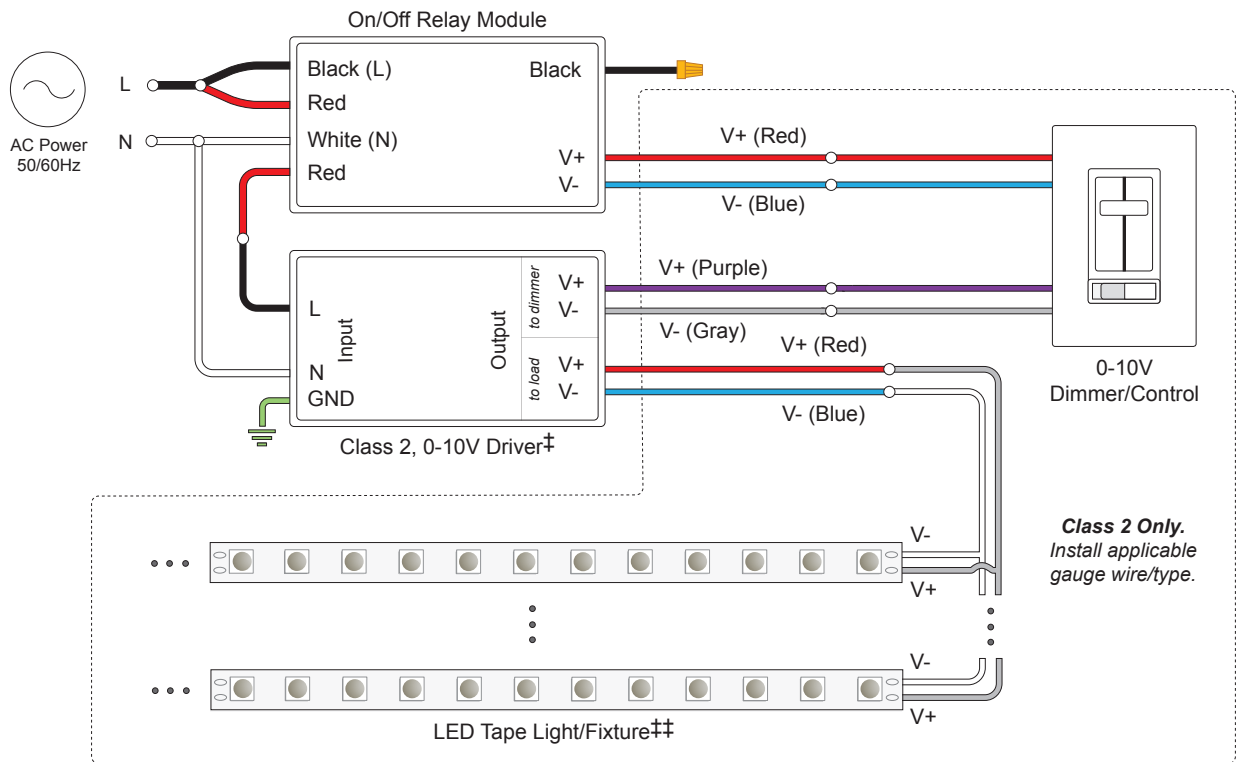
0-10V Commercial Grade Dimmable Drivers

VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

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

*Outdoor installations require an exterior rated J-box or appropriate exterior rated connection methods.

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



VLM Series LED Drivers

SMALL SIZE, BIG POWER:

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

DESIGNED IN PACE WITH THE INDUSTRY:

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

THERMAL EFFICIENCY DEFINED:

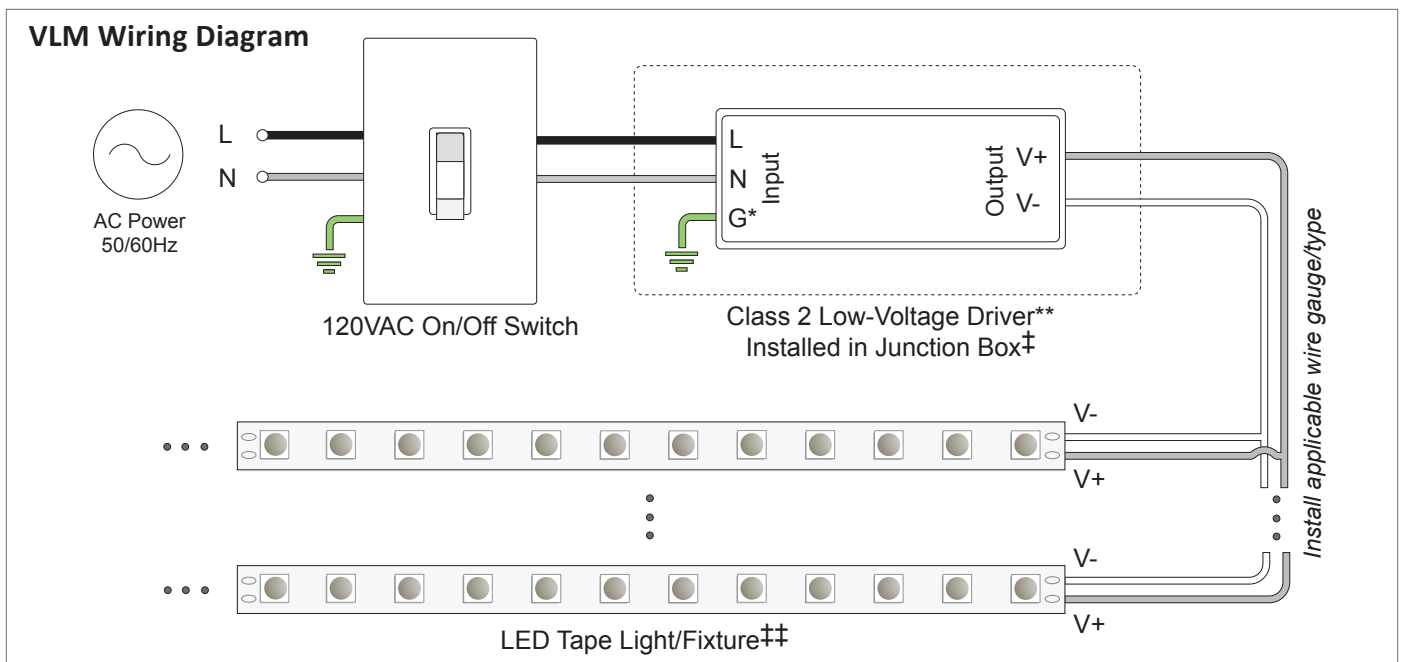
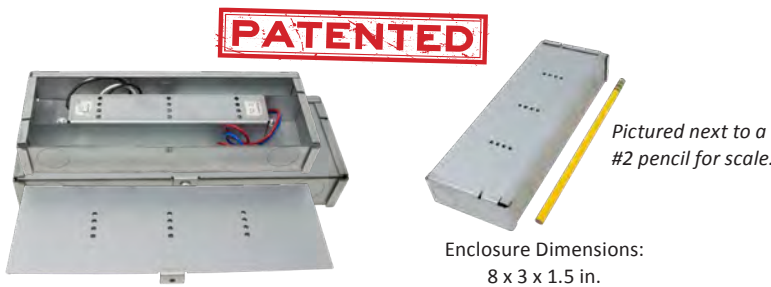
VLM Series LED Drivers are designed with precision to conduct heat more uniformly to the bottom and the body of the driver. The entire driver contact surface area is fully utilized to dissipate thermal build-up and deliver reliable power to your lighting.

FEATURES & BENEFITS

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

QUICK SPECS

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



VLM Series LED Driver Model Options

LO-PRO® JUNCTION BOX & DRIVER COMBO

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



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

60W

(12V, 24V & 48V)



100W

(12V, 24V & 48V)



12V VLM Constant Voltage Driver

VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

INPUT	OUTPUT	SKU	UL DRIVER OPTION (DRIVER/J-BOX COMBO)	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS
120/ 277VAC	12VDC	VLM60W-12	VLM60W-12-LPM	60W	Yes	Indoor	L 5.12 x W 0.75 x H 0.75 in
		VLM100W-12		100W	No	Indoor	L 5.39 x W 1 x H 0.75 in

24V VLM Constant Voltage Driver

VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

INPUT	OUTPUT	SKU	UL DRIVER OPTION (DRIVER/J-BOX COMBO)	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS
120/ 277VAC	24VDC	VLM60W-24	VLM60W-24-LPM	60W	Yes	Indoor	L 5.12 x W 0.75 x H 0.75 in
		VLM100W-24	VLM100W-24-LPM	100W	Yes	Indoor	L 5.39 x W 1 x H 0.75 in

48V VLM Constant Voltage Driver

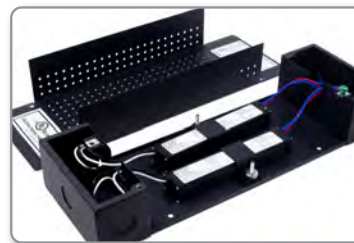
VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

INPUT	OUTPUT	SKU	UL DRIVER OPTION (DRIVER/J-BOX COMBO)	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS
120/ 277VAC	48VDC	VLM60W-48	VLM60W-48-LPM	60W	Yes	Indoor	L 5.12 x W 0.75 x H 0.75 in
		VLM100W-48	VLM100W-48-LPM	100W	Yes	Indoor	L 5.39 x W 1 x H 0.75 in



YOU CAN NOW INSTALL TWO VLM DRIVERS IN ONE BOX

Order from the combo SKU above or mix-and-match drivers to meet your special application.



Bracket can be purchased separately or as a part of a starter package.

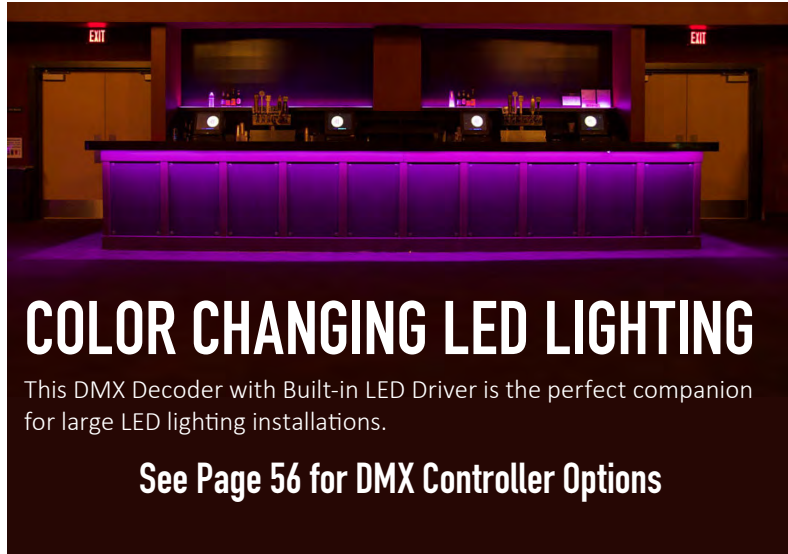
SKU	DESCRIPTION	DIMENSIONS
VLM120W-12-LPL	2x 60W VLM Combo (Double VLM Combo)	13.5 x 4.5 x 2.37 in.
VLM200W-24-LPL	2x 100W VLM Combo (Double VLM Combo)	13.5 x 4.5 x 2.37 in.
DI-JBOX-LPM	LO-PRO Junction Box - Mini (J-Box only)	8 x 3 x 1.5 in.
DI-JBOX-LPL-VLM	LO-PRO Junction Box - Large (Includes Double VLM Bracket; J-Box only)	13.5 x 4.5 x 2.25 in.
DI-JBOX-VLM-MTBR	Double VLM Driver Mounting Bracket Only	See Specification Sheet

DMX Decoder with Built-in LED Driver

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

FEATURES & BENEFITS

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

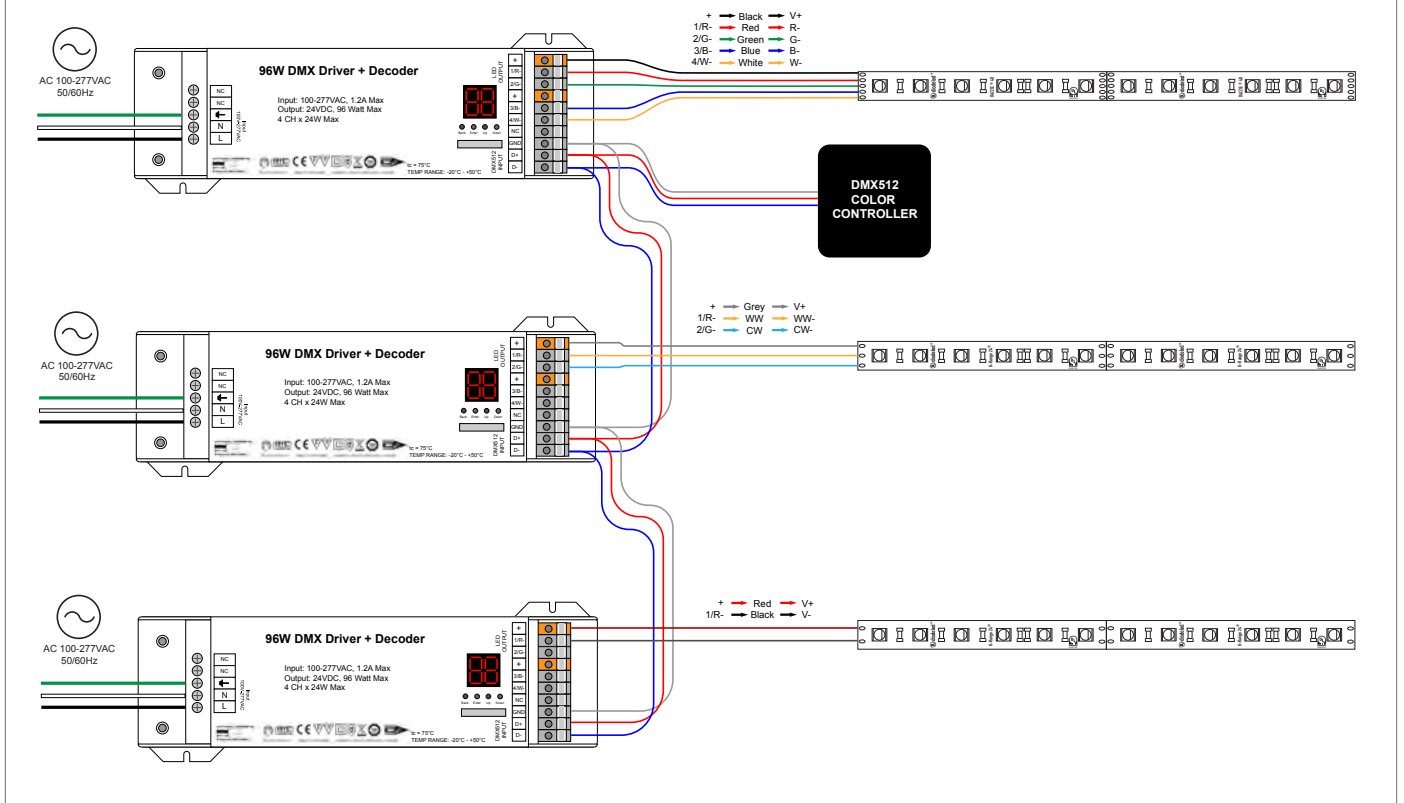


QUICK SPECS

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



DMX Driver Diagram



DMX Decoder with Built-in LED Driver

LO-PRO® JUNCTION BOX & DRIVER COMBO

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



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



VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

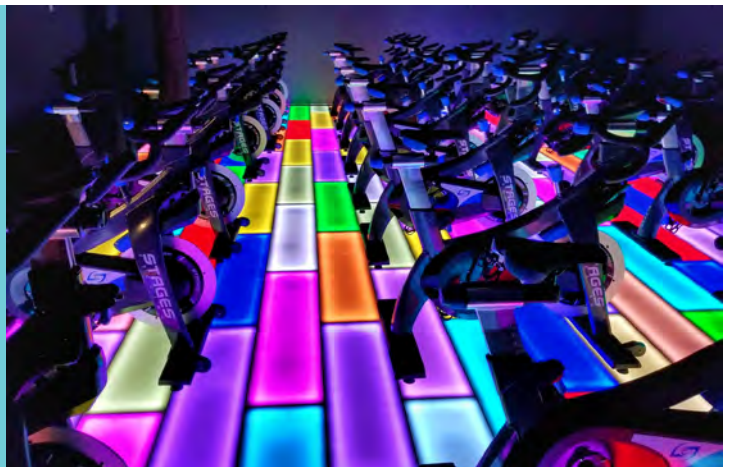
INPUT	OUTPUT	SKU (DRIVER ONLY)	UL DRIVER OPTION (DRIVER/J-BOX COMBO)	WATTAGE	CLASS 2	DIMENSIONS
120/ 277VAC	24VDC	DI-DMX-DCO-24V96W-277	DI-DMX-DCO-24V96W-277-LPL	Up to 96W*	Yes	L 9 x W 2.52 x H 1.25 in.

* See specification sheet for power guidelines.

DMX CONTROLS

LOOKING FOR THE ULTIMATE DMX COLOR CONTROLLER?

See our complete DMX offerings online
www.DiodeLED.com



12V Constant Voltage LED Drivers

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

FEATURES & BENEFITS

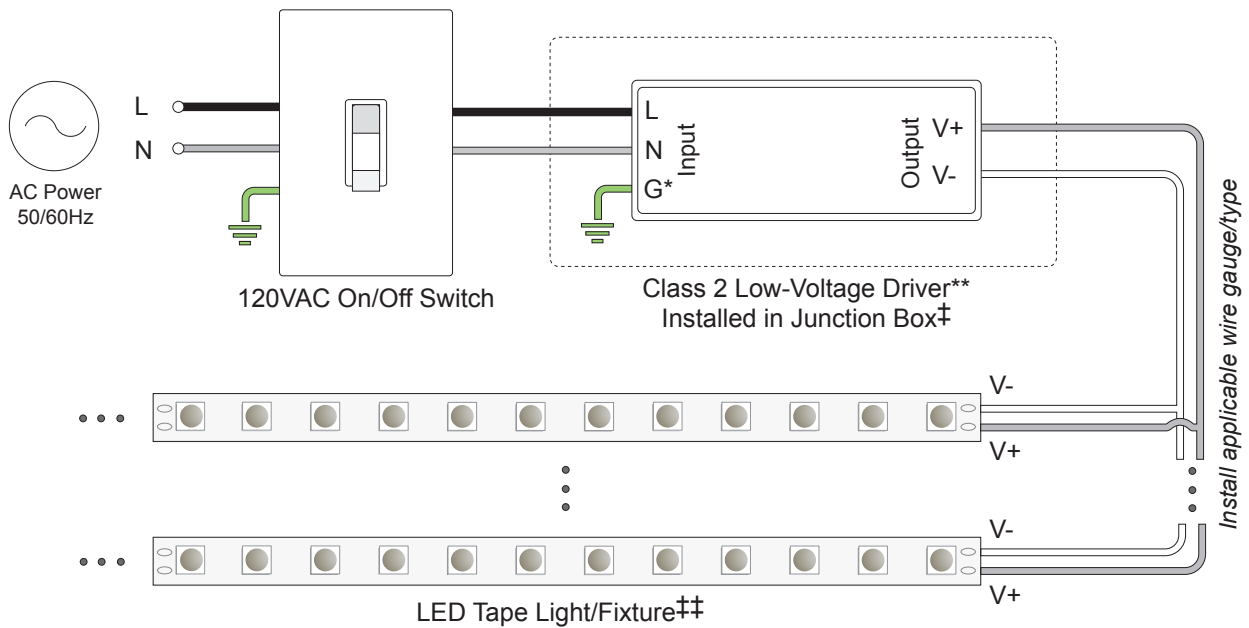
- Hard-wired connections
- Indoor and outdoor models
- Dimmable with PWM dimmers on select models
- Commercial and residential applications

QUICK SPECS

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



Basic Hard-Wired On/Off Diagram



12V Constant Voltage LED Driver Model Options

LO-PRO® JUNCTION BOX & DRIVER COMBO

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



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

12VDC Constant Voltage Drivers

VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

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



Mounting Brackets

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

COMPATIBLE ONLY WITH THESE DRIVERS:

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

24V Constant Voltage LED Drivers

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

FEATURES & BENEFITS

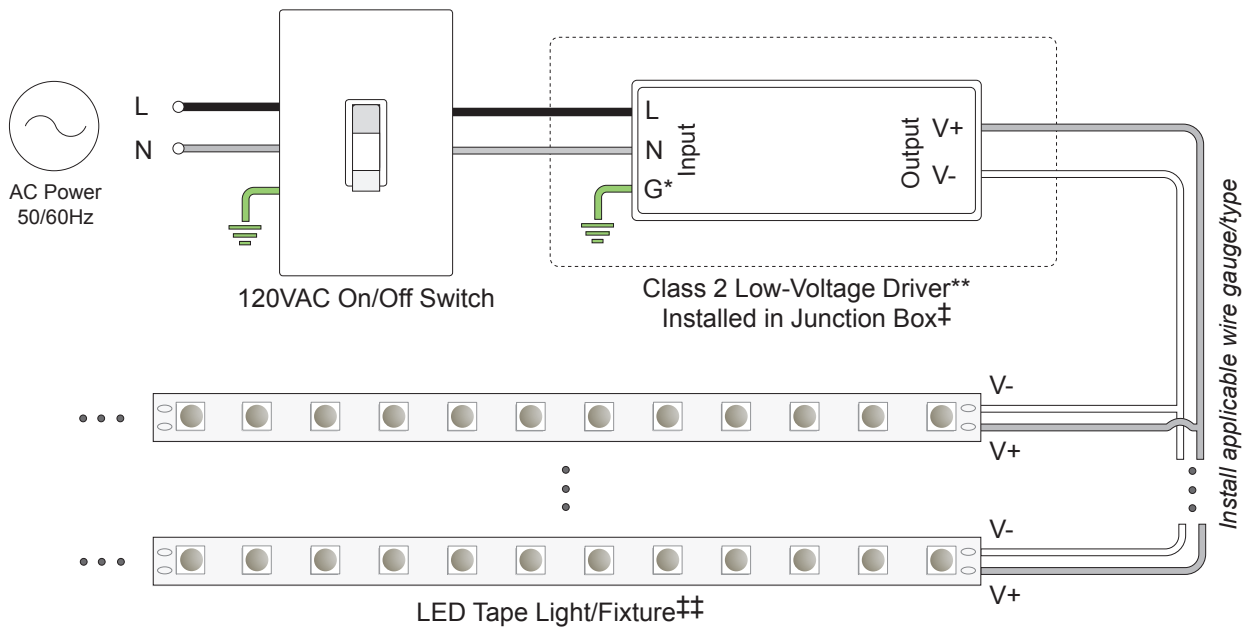
- Hard-wired connections
- Indoor and outdoor models
- Dimmable with PWM dimmers on select models
- Commercial and residential applications

QUICK SPECS

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



Basic Hard-Wired On/Off Diagram



24V Constant Voltage LED Driver Model Options

LO-PRO® JUNCTION BOX & DRIVER COMBO

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



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

24VDC Constant Voltage Drivers

VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

PRODUCT IMAGE	INPUT	SKU (DRIVER ONLY)	UL DRIVER OPTION (DRIVER/J-BOX COMBO)	WATTAGE	COMPATIBLE DIMMERS & CONTROL SYSTEMS	ENVIRONMENT	DIMENSIONS
	120/240VAC	DI-0970	DI-0970-LPS	35W	PWM Dimmers, On/Off Switches, DMX Systems, RGB Controllers	Outdoor/Indoor	5.83 x 1.57 x 1.18 in.
	120VAC	DI-CV-24V150W	N/A	150W	PWM Dimmers, On/Off Switches, DMX Systems, RGB Controllers	Outdoor/Indoor	7.5 x 2.5 x 1.5 in.
	120/240VAC	DI-0957	N/A	200W	On/Off Switches	Indoor	9.77 x 4.14 x 2.50 in.
	120VAC	DI-CV-24V330W	N/A	330W	PWM Dimmers, On/Off Switches, DMX Systems, RGB Controllers	Indoor	7.83 x 3.90 x 2 in.
	120/ 240/ 277VAC	DI-DV-24V60W-277	N/A	60W	PWM Dimmers, On/Off Switches, DMX Systems, RGB Controllers	Outdoor/Indoor	9.5 x 1.7 x 1.14 in.
	120/ 240/ 277VAC	DI-CV-MW24V 60W-277	DI-CV-MW24V 60W-277-LPS	60W	PWM Dimmers, On/Off Switches, DMX Systems, RGB Controllers	Outdoor/Indoor	5.9 x 2.1 x 1.4 in.
	120/ 240/ 277VAC	DI-CV-MW24V 90W-277	DI-CV-MW24V 90W-277-LPL	90W	PWM Dimmers, On/Off Switches, DMX Systems, RGB Controllers	Outdoor/Indoor	6.75 x 2.5 x 1.5 in.
	120/ 240/ 277VAC	DI-0954	DI-0954-LPL	96W	PWM Dimmers, On/Off Switches, DMX Systems, RGB Controllers	Outdoor/Indoor	7.87 x 2.78 x 1.38 in.



Mounting Brackets

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

COMPATIBLE ONLY WITH THESE DRIVERS:

DI-0957
150W

DI-CV-24V330W
330W

12V DC Plug-In Adapters

12V DC Plug-In Adapters convert AC voltage to low-voltage of LED light fixtures. An adapter is the right choice if you are installing just a few light fixtures or want to avoid making a permanent installation with a bigger, hard-wired power driver.

QUICK SPECS

Environment	Indoor
Input Voltage	120VAC
Output Voltage	12VDC
Connection Type	Plug-in / DC barrel plug
Dimming	Inline PWM dimmer
Certification	UL Listed



12V DC Plug-In Adapter Model Options

12V DC Plug-In Adapters

VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

PRODUCT IMAGE	SKU	WATTAGE	CLASS 2 ADAPTER	OUTPUT	COLOR	DIMENSIONS
	DI-0936	6W	No	12VDC	Black	1.9 x 1.3 x 1.3 in.
	DI-PA-12V6W-CL2-B	6W	Yes	12VDC	Black	1.9 x 1.3 x 1.3 in.
	DI-PA-12V6W-CL2-W	6W	Yes	12VDC	White	1.9 x 1.3 x 1.3 in.
	DI-PA-12V12W-CL2-B	12W	Yes	12VDC	Black	2.35 x 1.75 x 1.4 in.
	DI-PA-12V12W-CL2-W	12W	Yes	12VDC	White	2.35 x 1.75 x 1.4 in.
	DI-PA-12V24W-CL2-B	24W	Yes	12VDC	Black	3.8 x 1.75 x 1.4 in.
	DI-PA-12V24W-CL2-W	24W	Yes	12VDC	White	3.8 x 1.75 x 1.4 in.
	DI-PA-12V36W-CL2-B	36W	Yes	12VDC	Black	3.8 x 1.75 x 1.4 in.
	DI-PA-12V36W-CL2-W	36W	Yes	12VDC	White	3.8 x 1.75 x 1.4 in.
	DI-PA-12V60W-CL2-B	60W	Yes	12VDC	Black	4.7 x 2 x 1.25 in.
	DI-PA-12V60W-CL2-W	60W	Yes	12VDC	White	4.7 x 2 x 1.25 in.
	DI-0913	60W	No	12VDC	White	4.7 x 2 x 1.25 in.

BUNKR™ 12V DC Commercial Grade Plug-In Adapters

VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

PRODUCT IMAGE	SKU	WATTAGE	CLASS 2 ADAPTER	OUTPUT	COLOR	DIMENSIONS
NEW	DI-PA-BKR-12V60W	60W	Yes	12VDC	Silver	1.73 x 1.07 x 6.79 in.

24V DC Plug-In Adapters

24V DC Plug-In Adapters convert AC voltage to low-voltage of LED light fixtures. An adapter is the right choice if you are installing just a few light fixtures or want to avoid making a permanent installation with a bigger, hard-wired power driver.

QUICK SPECS

Environment	Indoor
Input Voltage	120VAC
Output Voltage	24VDC
Connection Type	Plug-in / DC barrel plug
Dimming	Inline PWM dimmer
Certification	UL Listed



24V DC Plug-In Adapter Model Options


24V DC Plug-In Adapters

VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

PRODUCT IMAGE	SKU	WATTAGE	CLASS 2 ADAPTER	OUTPUT	COLOR	DIMENSIONS
	DI-PA-24V12W-CL2-B	12W	Yes	24VDC	Black	1.9 x 1.3 x 1.3 in.
	DI-PA-24V12W-CL2-W	12W	Yes	24VDC	White	1.9 x 1.3 x 1.3 in.
	DI-PA-24V24W-CL2-B	24W	Yes	24VDC	Black	3.8 x 1.75 x 1.4 in.
	DI-PA-24V24W-CL2-W	24W	Yes	24VDC	White	3.8 x 1.75 x 1.4 in.
	DI-PA-24V48W-CL2-B	48W	Yes	24VDC	Black	3.8 x 1.75 x 1.4 in.
	DI-PA-24V48W-CL2-W	48W	Yes	24VDC	White	3.8 x 1.75 x 1.4 in.
	DI-PA-24V96W-CL2-B	96W	Yes	24VDC	Black	4.7 x 2 x 1.25 in.
	DI-PA-24V96W-CL2-W	96W	Yes	24VDC	White	4.7 x 2 x 1.25 in.

BUNKR™ 24V DC Commercial Grade Plug-In Adapters

VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

PRODUCT IMAGE	SKU	WATTAGE	CLASS 2 ADAPTER	OUTPUT	COLOR	DIMENSIONS
	DI-PA-BKR-24V90W	60W	Yes	24VDC	Silver	1.73 x 1.07 x 6.79 in.

NEW

INDEX

40W-277	151	DI-12V-SPOT-LK30-90-BL	82	DI-24V-TR40-12-BL	79	DI-0708B-5	85
40W-277-LPS	151	DI-12V-SPOT-LK30-90-BR	82	DI-24V-TR40-12-SV	79	DI-0708B-5	109
60W-277	151	DI-12V-SPOT-LK30-90-WH	82	DI-24V-TR40-24-BL	79	DI-0708B-25	85
60W-277-LPS	153	DI-12V-SPOT-LK40-90-AL	82	DI-24V-TR40-24-SV	79	DI-0708B-25	109
60W-277-LPS	151	DI-12V-SPOT-LK40-90-BL	82	DI-24V-TR40-36-BL	79	DI-0710F	87
60W-277-LPS	153	DI-12V-SPOT-LK40-90-BR	82	DI-24V-TR40-36-SV	79	DI-0710F-5	87
90W-277	153	DI-12V-SPOT-LK40-90-WH	82	DI-24V-TR40-48-BL	79	DI-0710F-25	87
90W-277-LPL	153	DI-12V-SPOT-LK50-80-AL	82	DI-24V-TR40-48-SV	79	DI-0710M	87
CBU-A2D	120	DI-12V-SPOT-LK50-80-BL	82	DI-24V-TR40SF-12-BL	79	DI-0710M-5	87
CBU-PWM4	47	DI-12V-SPOT-LK50-80-BR	82	DI-24V-TR40SF-12-SV	79	DI-0710M-25	87
CBU-PWM4	120	DI-12V-SPOT-LK50-80-WH	82	DI-24V-VLX1-**	21	DI-0714	116
CBU-TED	120	DI-12V-SPOT-TL27-90-AL	83	DI-24V-VLX2-**	21	DI-0714-B	116
CKT3-EXT	107	DI-12V-SPOT-TL27-90-BL	83	DI-24V-VLX3-**	21	DI-0715	116
CKT3-EXT-5	107	DI-12V-SPOT-TL27-90-BR	83	DI-24V-VLX5-**	21	DI-0715-B	116
CKT3-EXT-25	107	DI-12V-SPOT-TL27-90-WH	83	DI-24V-VLX5-**	23	DI-0720	85
CKT3-SPLE	107	DI-12V-SPOT-TL30-90-AL	83	DI-24V-VLX8-**	21	DI-0720	109
CKT3-SPLE-5	107	DI-12V-SPOT-TL30-90-BL	83	DI-24V-VLX8-**	23	DI-0720-5	85
CKT3-SPLE-25	107	DI-12V-SPOT-TL30-90-BR	83	DI-120V-FLSEL-12-WH	75	DI-0720-5	109
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 diode led® |  elemental led®

885 Trademark Drive, Suite 200
Reno, Nevada 89521
Ph: 877.817.6028 | Fax: 415.592.1596
info@DiodeLED.com
www.DiodeLED.com

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