



diode led[®]

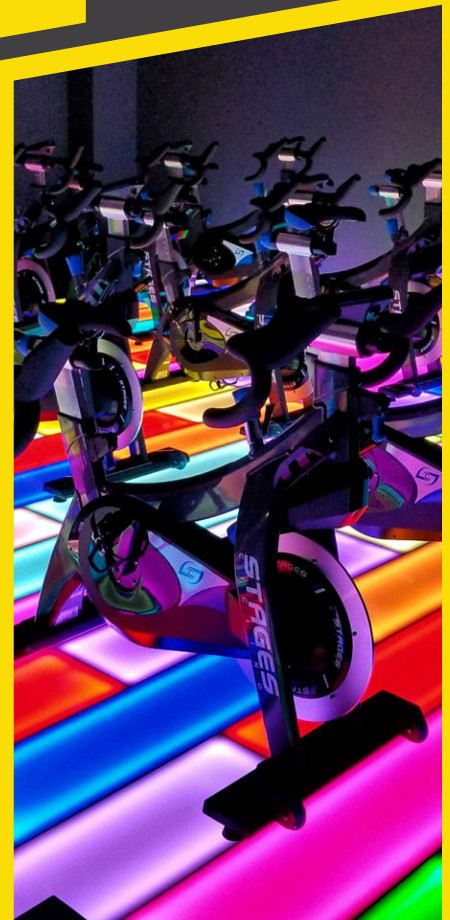
a division of elemental LED

RETAIL · COMMERCIAL · RESIDENTIAL

2018

LED LIGHTING SOLUTIONS

2018 Diode | ED Product Catalog

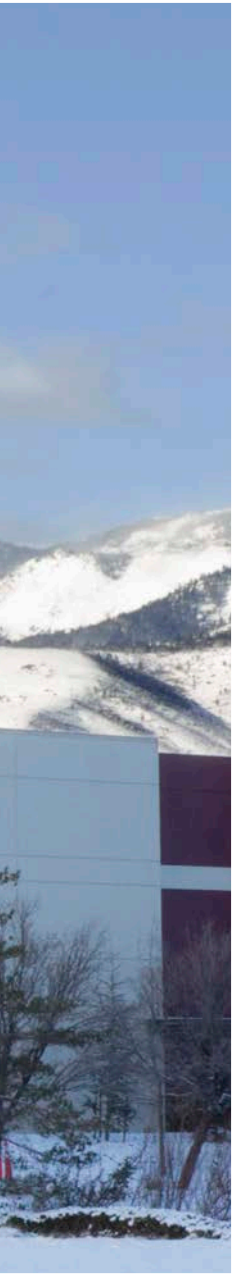




On-site stock ready to ship.



In-house bespoke manufacturing.

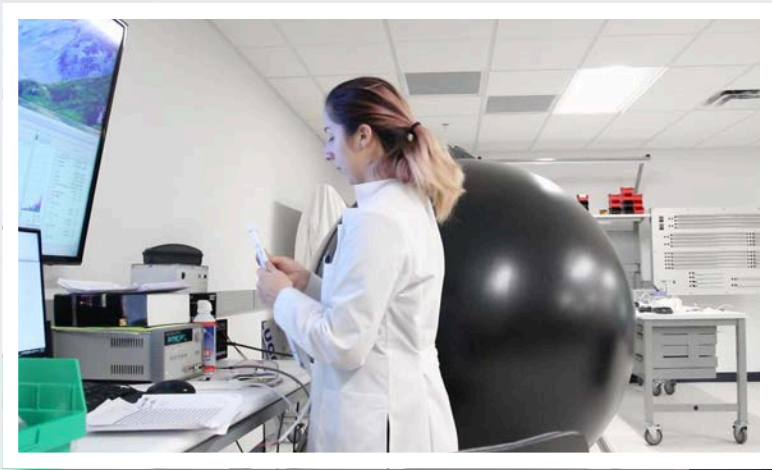


A NEW HOME

2018 is a year of pivotal change for our Company. As we continue to invest in additional US production and manufacturing, we also needed to find a new home. We simply outgrew our facilities in California and expanded to a new Headquarters Building and an Operations Center in Reno, NV that is 400% larger than our operations in California.

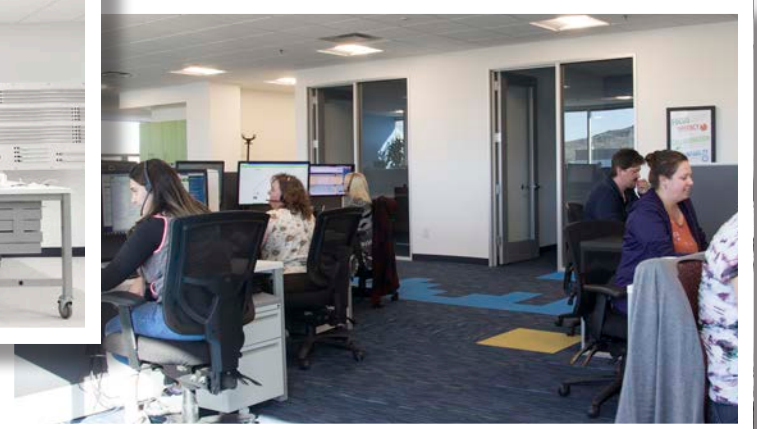
We are excited to now call Reno, NV home. We are a team of great people dedicated to making it easy for you to do business with us. We are committed to building the right culture and environment to attract the best people in executing on that mission. This relocation and expansion has been a catalyst for providing better quality of life and work balance, and a tech savvy, energetic, and collaborative environment to stimulate innovating thinking and execution.

We thank you for your **loyalty and dedication to our products and services, and your investment in the future of Elemental LED.** Your satisfaction and continued support means everything to us. These are exciting times for our organization and we are delighted you are **sharing our journey** with us.



Internal engineering, photometric, and testing lab.

Customer Service is our priority.



ELEMENTAL LED INVESTS IN MORE US MANUFACTURING & ASSEMBLY

last word

SSL manufacturing is traveling back to the US

Elemental LED's MATT JOHN outlines why lighting manufacturing will make its way back to the US as the industry progresses toward customization and modular products.

Lighting manufacturing moving away from its traditional base in China? This question has been a hot topic for as long I can remember. China is not ready to relinquish the manufacturing throne just yet. The nation has massive production numbers, unparalleled infrastructure, endless backing by the Chinese government, and a still-evolving economy to support its position. However, there is a subset of the industry that is moving away from manufacturing in China to the US at a rapid pace: the modular lighting vertical. Modular lighting typically comprises a low-voltage lighting platform, light engine, profile or body optic, mounting gear, and installation accessories glued together to create a full lighting system.

The US-based manufacturing movement in modular lighting hinges on three major factors: stresses on Chinese manufacturers, market needs, and quality control. Chinese manufacturers are combating several challenges as they are forced to evolve into smarter, more efficient producers.

Labor costs have risen alarmingly along with the need for more skilled workers to operate machines as these manufacturers move toward automation. The cost of labor has increased almost 3x in China since 2000. The pay rates in the tech- and lighting-dominated southern regions around Shenzhen have increased at a faster pace over the last five years.

The cost of raw materials, especially copper and aluminum, has also risen significantly. High-grade copper prices have increased 30% over the last year (COMEX, NANOQ) and prices for aluminum were up around 10% in 2016 and 10% in 2017 (YTD price fluctuations vary by grade).

Compounding the cost of raw goods is the uptick in the enforcement by the International Trade Administration of various aluminum alloys tagged for up to 45% more in duties due to anti-dumping and countervailing considerations.

Another challenge involves processes. Shipping linear products more than 8 ft long has become more expensive and difficult. Costs continue to rise to ship large and extra-large packages and this requires special packaging materials.

Last, we are experiencing global political unrest around trade agreements. You can't miss the herbage of news on the current economic agenda of the US and foreign policy. These factors are upsetting Chinese manufacturers to the point where small and medium purchase orders with large variations in specifications do not have the necessary margins for a healthy business.

Lighting companies are being driven to partner with other metal extruders in the US and Mexico to avoid these issues.

Lighting professionals used to live with limited options to fixtures such as color temperature, lumen output, and beam factor. Buyers expected to wait weeks — even months — for unique luminaires to arrive. This is no longer the case; variety and speed are now the expectation, innovative and service-oriented companies in modular lighting have moved to last-mile manufacturing, whereby products are sourced globally at the sub-assembly level then brought into the US and configured to meet requirements on demand. Chinese manufacturers cannot

deliver on the need for speed, and lighting companies cannot stock every possible component combination fully assembled. Last-mile manufacturing is well financed and on its way to becoming an industry standard. Patents and trade secrets also come into play here, as US manufacturers delve deeper into technology and gain unique market knowledge. More lighting companies will look to move certain aspects of assembly and R&D in-house.

Lighting options are changing as are industry professionals. They are becoming technology professionals. Inspectors are making sure installations meet National Electric Code and demanding that products be UL Certified.

LED lighting has forced our entire industry to adopt technology and educate ourselves to a formidable level of understanding. With this evolution comes a demand for product and service quality. Companies have risen to new levels to ensure longer warranties, proper installation, and educated customer service if and full engineering teams to address customers' expanding needs. Companies are building full test labs that allow each new set of parts to be a fully tested fixture complete with UL files, specifications, and installation guides.

Given time constraints and the cost of micro-manufacturing, these are difficult hurdles for China to overcome. Modular lighting embodies the market's solution for speed, variation, and quality. For these reasons alone, manufacturing will find a home in America and it will be hard pressed to find its way back to China.



MATT JOHN

66 SEPTEMBER 2017

ledsmagazine.com



September 19, 2017

SSL MANUFACTURING IS TRAVELING BACK TO THE US

Excerpts from Page 56 September 19, 2017 LEDs Magazine
By Matt John, Elemental LED

Is lighting manufacturing moving away from its traditional base in China? This question has been a hot topic for as long I can remember. China is not ready to relinquish the manufacturing throne just yet. The nation has massive production numbers, unparalleled infrastructure, endless backing by the Chinese government, and a still-evolving economy to support its position. However, there is a subset of the industry that is moving away from manufacturing in China to the US at a rapid pace: the modular lighting vertical.

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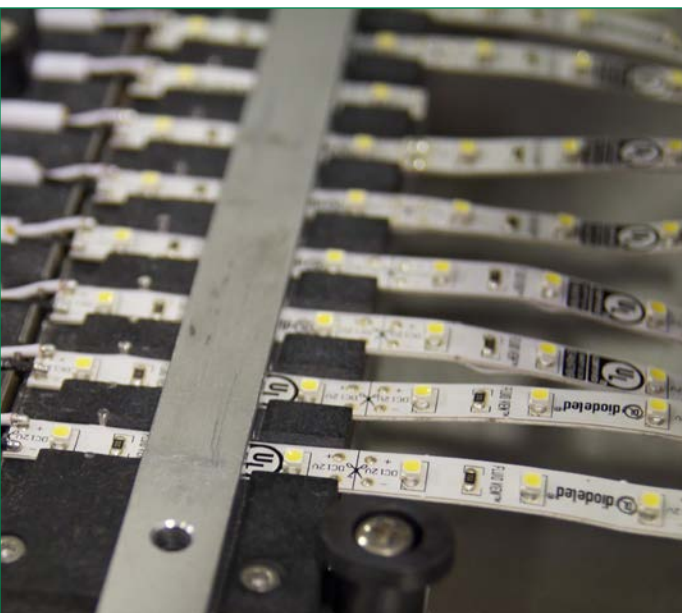
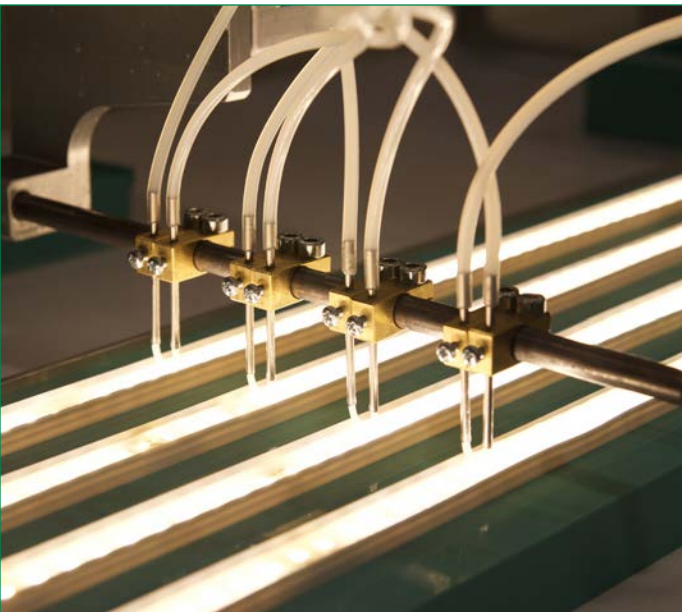
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LEDs
MAGAZINE.



MADE IN USA

W I T H F O R E I G N P A R T S

Technological advancements in manufacturing processes and equipment are fostering cost effective opportunities to transition away from overseas production and manufacturing. This evolution has been a catalyst for us to **design, engineer, and manufacture several patented Diode LED products in the USA**. We are defining the benchmark for lighting manufacturers to emulate while delivering on our customers' demand for speed, variation and quality. **We are proud that several of our products bear the 'Made in USA' label.**

AlphaTECH™
ENVI-Light™
ETERNALUX™

Assembled in the USA

Our extensive inventory, cutting-edge equipment, work flow management and production capabilities create an efficient, state-of-the-art manufacturing facility in where we assemble quality Diode LED products. We know first-hand the **benefits of manufacturing in the USA – innovation, quality control, continuous improvement, and the growth of a skilled workforce**. Additionally, our customers benefit with products that are faster to market, wider variety of options, and customized to their exact specifications.

Tailored Fixtures with CHROMAPATH® Channels

HYDROLUME® Strip Light
INFINILINE® X Strip Light
VOLANTE™ Flood and Canopy Lights

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AlphaTECH™ LED Lighting Solution Page 34

NEON BLAZE™ LED Decorative Lighting Page 44

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HIGH VOLTAGE

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MATTONE® 2 Step Light Fixture Page 114

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AlphaTECH™

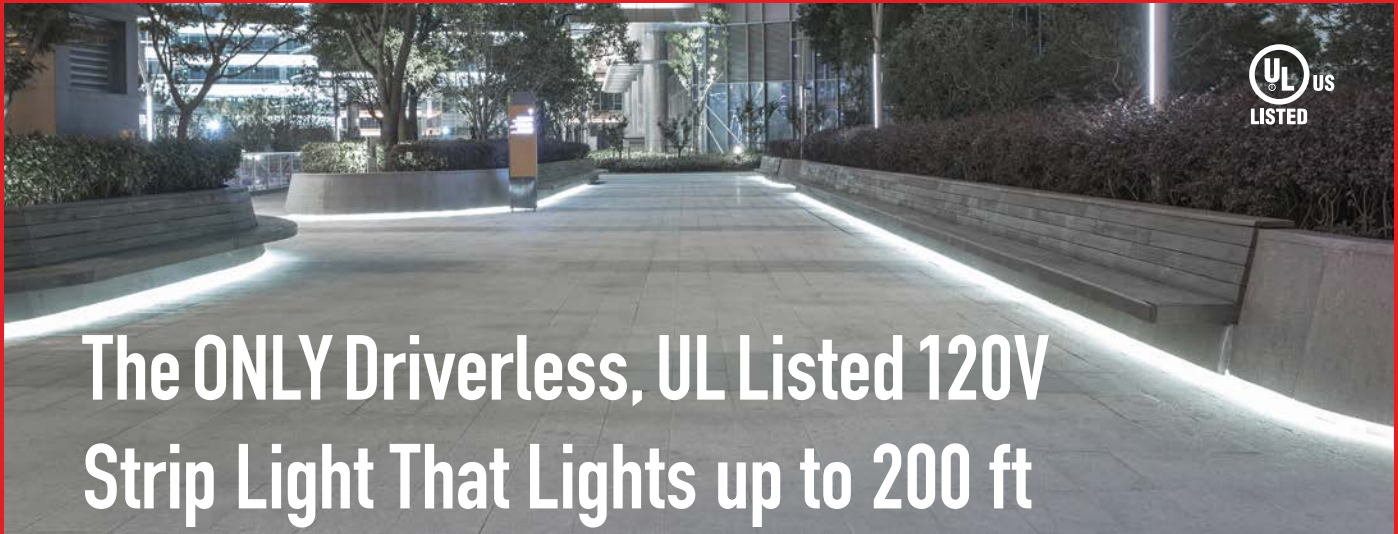
IF YOU'RE
NOT USING
AlphaTECH™
YOU'RE USING
YESTERDAY'S
TECHNOLOGY



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AlphaTECH is the **ONLY** lighting solution with a flexible light engine, manufactured in the United States, and tested for extreme environments including water submersion. Completely unique and designed for any application, AlphaTECH is the most innovative LED technology in the market today.

YOU WON'T FIND ANYTHING THIS SEXY AND TOUGH ANYWHERE ELSE!



The **ONLY** Driverless, UL Listed 120V
Strip Light That Lights up to 200 ft

INFINILINE® X

Don't want to use drivers but need a lighting solution for a long run? INFINILINE X is the only UL Listed, patented 120V Strip Light that has a max run up to 200 feet. This cuts installation time by 80% over low voltage systems. Once you try INFINILINE X, you'll never go back!

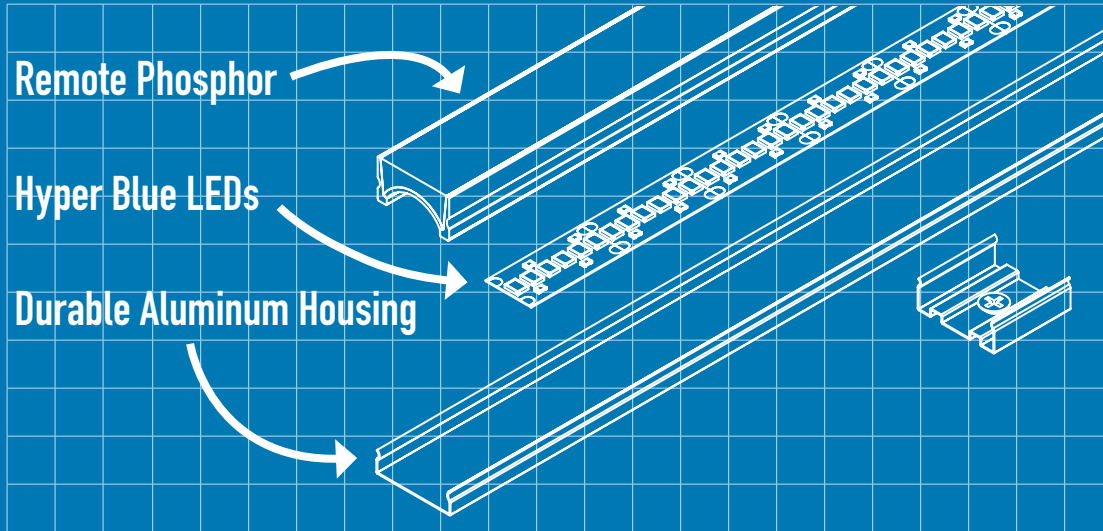
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The First Ever 50-Year Warranty LED Light Fixture

ETERNALUX™

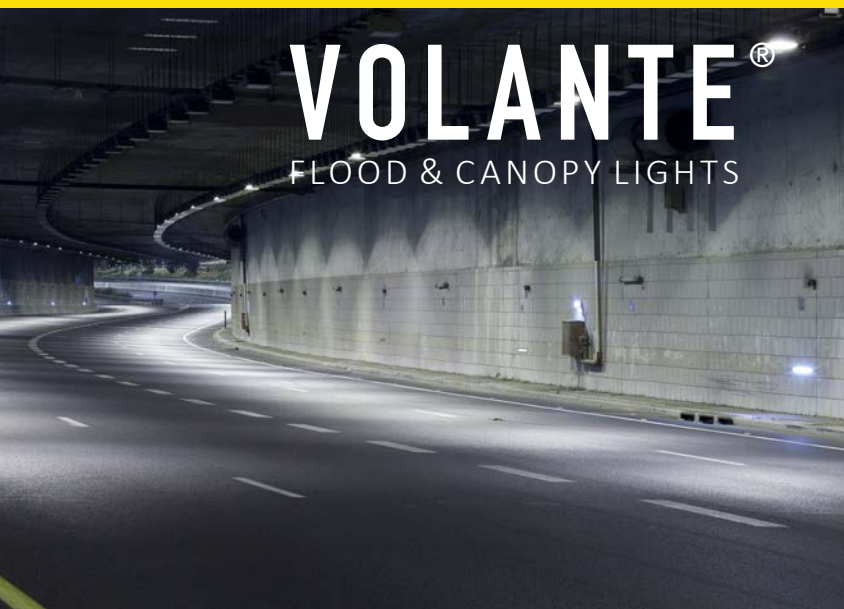
Light it. Leave it. Love it.™

ETERNALUX offers complete Zero Line Diffusion™ with the truest color rendering that only remote phosphor technology by **Intematix®** and the highest quality blue LEDs can provide. Lifetime performance with superior color transformation is guaranteed. We stand behind our technology.



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50 Year
Warranty



High Power Industrial Grade Lights with Industry Breaking Optics Technology

These highly efficient, durable flood and canopy lighting systems are in stock and ready to order with multiple optic configurations for any size application. You'll be amazed at the compact modular design with brightness up to 40,000 lumens.



FLOOD



CANOPY

Page 111

INTRODUCING THE LATEST IN CONTINUOUS COLOR SATURATION



Engineered for optimal color saturation with new dual diffusion technology, Neon Blaze™ is the highest quality flexible LED strip light in the industry. Unlike those cheap bulk rope lights that show hot spots, you can count on dazzling accent lighting with Neon Blaze and its tight bend radius, continuous color saturation, and popular color palette.

NEON BLAZE™

Page 44

Only from Elemental LED

The World's SMALLEST Driver

BIG POWER



SMALL SIZE

VLM is the smallest driver in the industry yet with high efficiency outputs of 60W and 100W. Every component selected was designed to fit in the smallest housing no more than the size of two AA batteries without sacrificing performance. Tired of those heavy brick sized drivers? No more. You won't find another driver this small with this much power.

VLM Series

MICRO DRIVER

Page 169

TECHNOLOGY ENGINEERING INNOVATION



EMERY™ SERIES OVERHEAD LIGHTING



**Slim.
Sleek.
Sexy.**

EMERY™ SKY

Suspended Linear LED Luminaire

Perfect for both direct and ambient lighting, the dimmable 120V EMERY SKY combines tons of light output and a stylish design for both commercial and residential applications. Offered in a variety of sizes for any space.

Page 104

FEATURING THE EASIEST BATTEN TO INSTALL IN THE INDUSTRY

EMERY™ BEAM LED Batten Fixture

Installation challenges are gone with the durable EMERY BEAM LED Batten that offers hanging or flush mounting options. This bright and robust LED lighting fixture is an energy-saving alternative to T8 battens while providing direct, indirect and area lighting options. Indoor and outdoor rated versions available.

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EMERY™ SERIES OVERHEAD LIGHTING

**LIGHT WHERE YOU WANT,
WHEN YOU WANT,
AND HOW YOU WANT**

EMERY™ ENSEMBLE

Suspended Linear LED Fixture

The dimmable EMERY ENSEMBLE has a unique rotating cylinder design with optional up or down 355° directional lighting that offers a wide range of lighting options for architectural, commercial and residential applications. You control the beam angle and brightness level.

Page 101

The Best Value & Quality Combination

EMERY™ STRATUS

Ceiling Tile Fixture

The EMERY STRATUS is the latest in task-level illumination offered in the slimmest design in the market. This glare-free and compact overhead lighting provides ease of installation in the most complex ceiling configurations.

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INTELLECTUAL PROPERTY

Our extensive research and development blazes new trails in the creation of marketable products and solutions. We have dozens of issued and pending patents in our Intellectual Property (IP) portfolio. Our patents deliver innovation and products that you won't find anywhere else. We take pride that Elemental LED represents innovation and technology to the lighting industry.



**DOZENS OF PATENTS
FOR PRODUCTS
THAT MATTER**



AWARDS & RECOGNITION

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



INDUSTRY PRESENCE

We are proud that members of our leadership team have been selected as esteemed leaders in the lighting industry with recognition by two leading industry organizations, National Association of Innovative Lighting Distributors (NAILD) and *enLIGHTenment Magazine*.



**2017 Legends,
Leaders &
Luminaries
enLIGHTenment
Magazine**

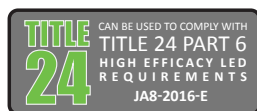
CERTIFICATION & COMPLIANCE

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

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

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

CODE COMPLIANCE



Title 24, Part 6

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

JA8

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

JA10

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

PRODUCT SAFETY CERTIFICATION



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



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



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



Intertek Laboratories ETL Listed Mark for United States and Canada.



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



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

QUALITY OF LIGHT

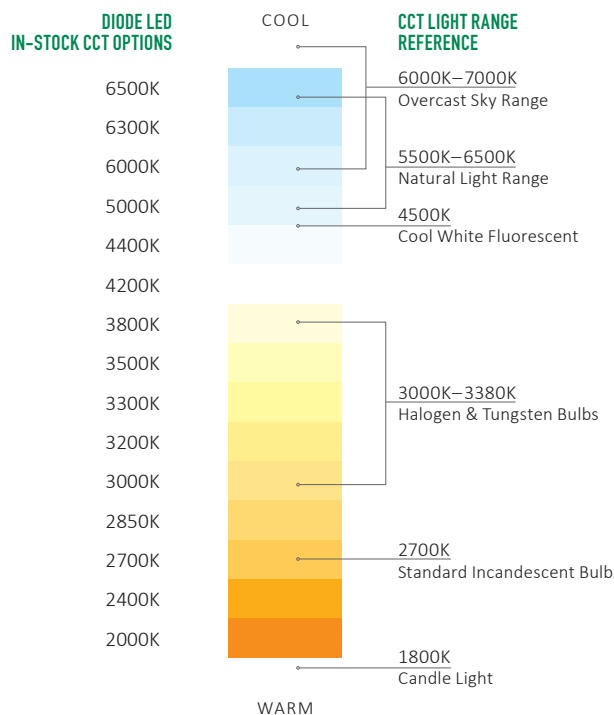
Without light, it would be impossible to view the world around us. Light illuminates objects for us to see and the spectrum emitted by a light source provides the color in these objects. Variants of color offers advantages for different lighting applications. The lighting industry uses several tools - Kelvin, CCT, CRI, R-values and TM-30 - to describe color characteristics and light quality.

THE CORRELATED COLOR TEMPERATURE SCALE

The Kelvin based CCT (Correlated Color Temperature), is a scale used in lighting to measure the color temperature of a luminaire. It puts specifics to the description of the appearance of white light as “warm”, “neutral” or “cool” (CCT chart, below). The color chosen for an application may vary based on the use of the space and the material being illuminated. For example, “warmer” light is very popular in residential applications where “cool” light is more prevalent in commercial and industrial spaces. We offer a wide variety of options to meet your needs for any lighting application.

CORRELATED COLOR TEMPERATURE (CCT) LIGHT RANGE COMPARISON CHART

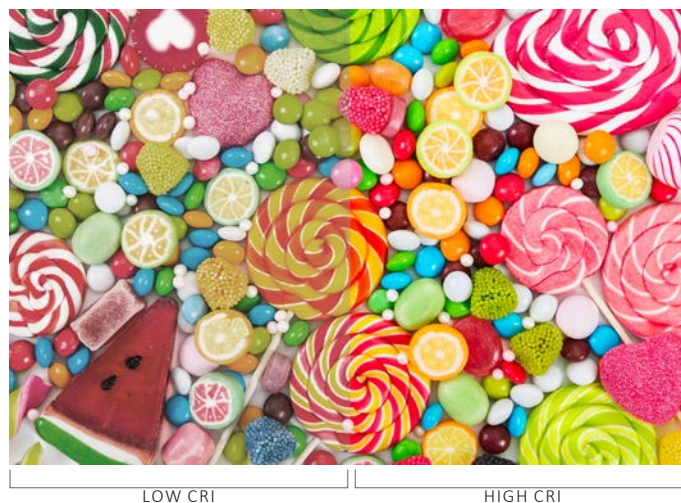
(MEASURED IN KELVIN)



OTHER CCT OPTIONS AVAILABLE BY SPECIAL ORDER ONLY.

THE IMPORTANCE OF QUALITY COLOR RENDERING

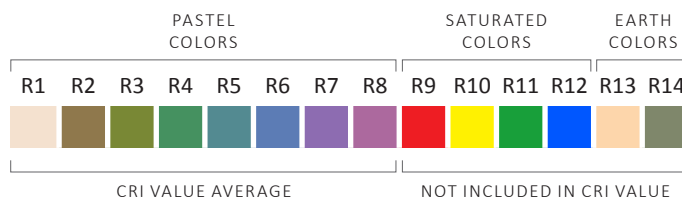
Quality color rendering is an important aspect of a light source as the light will reveal colors of objects accurately in comparison with an ideal or natural light source (daylight or incandescent bulb). A source with poor color rendering may cause objects to appear dull and unsaturated (see image below)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



Color rendering properties of a light source can be evaluated with complex calculation engines. These tools compare how a set of color samples are rendered (represented) by a light source in comparison to a reference light source.

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. The R-values measure the concentrations of 14 colors within a light source’s emitted spectrum and the ability to render individual colors. 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-30-15 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.

METRIC	SCALE	DESCRIPTION
Fidelity Index (Rf) NEW	0 - 100	A measurement of fidelity comparable to CIE CRI (Ra) but averages the values of 99 color samples instead of 8. A higher value typically provides a more accurate rendition of color in comparison to a natural light source.
Gamut Index (Rg) NEW	60 - 140	Gamut (Rg) measures the average hue and saturation (chroma) shift of a light source using 99 color samples. A value of 60-99 indicates average desaturation. A value of 101-160 indicates average increased saturation.
Color Vector Graphic NEW	Visual	The Color Vector Graphic shows the relative saturation of multiple hues. It's important as it quickly conveys what types of colors are more or less saturated.
Fidelity Skin (Rf,skin) NEW	0 - 100	Fidelity Skin (Rf,skin) is an average of CES15 and CES18 skin tones. A higher value typically provides natural looking 'skin tones'.
Fidelity Red (R9)	0 - 100	Fidelity Red (R9) derives from a single, saturated, red color sample. A higher value is important for illuminating red surfaces, wood grains and skin tones.
CIE CRI (Ra)	<0 - 100	CRI (Ra) is a legacy measurement of Fidelity using 8 color samples and with an undefined lower scale. A higher value typically provides more accurate average rendition of color. Comparably, TM-30 fidelity (Rf) is a much more improved metric for accurate color rendition than CRI (Ra).

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-30-15

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

TM-30 COLOR CHART

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



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

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DL diode led®

ENVI Light

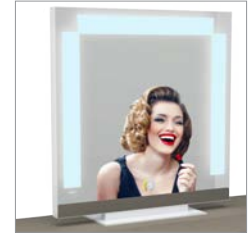
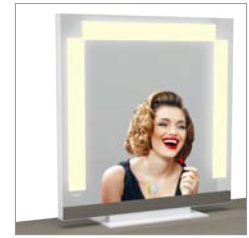
BY
**frank
design.**

SKU : DI-120V-ENV-MIR

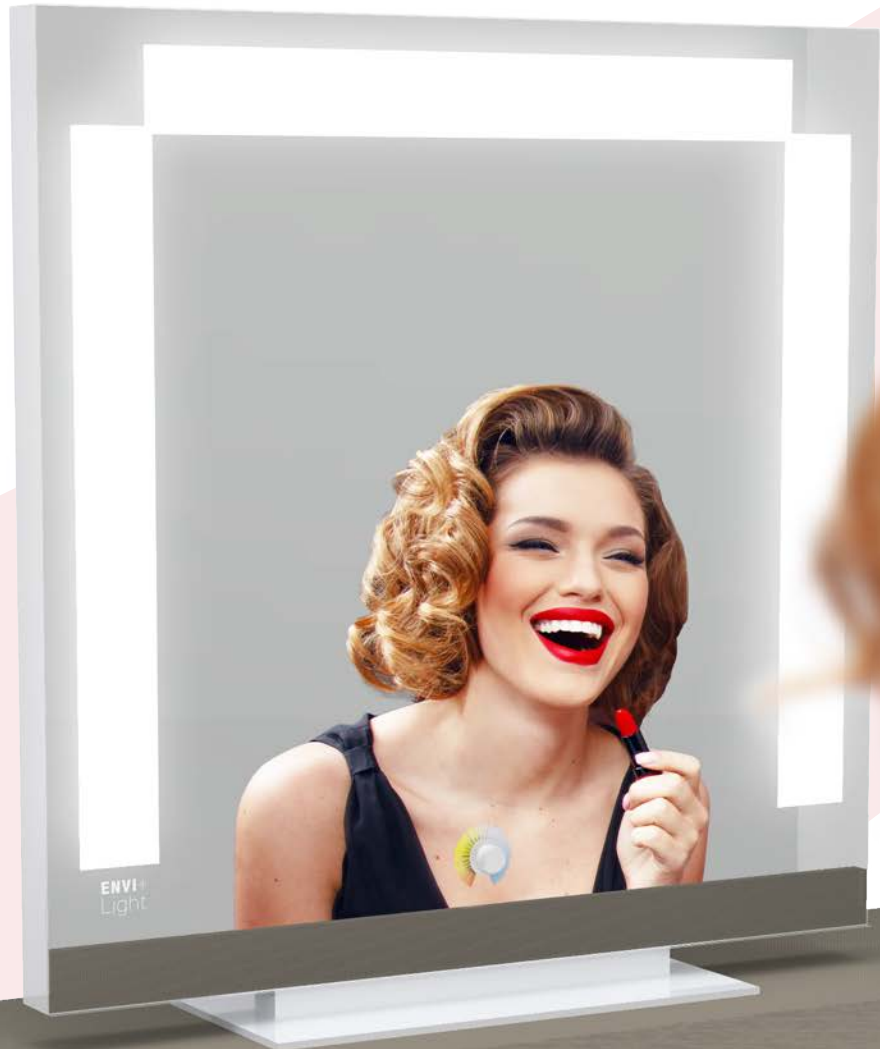
PATENT PENDING

Patent pending ENVI-Light is a mirror that previews your true beauty in any light before you arrive to your destination. Tune the adjustment knob to the light temperature you might find yourself; office lighting, home radiance, or even afternoon illumination.

araya⁵ TUNABLE COLOR
by lumenetix®



*Preview yourself in any
lighting for any occasion
with one turn of the knob*



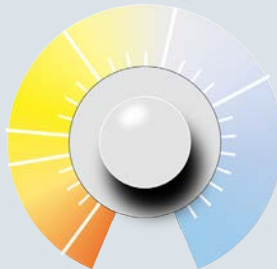


ENVI^{*}Light



Consider environment, aesthetics, comfort, and color that surround you throughout the day. ENVI-Light gives you the potential to dial in any lighting environment that may lie ahead. The tunable color of ENVI-Light replicates the color and beauty of full spectrum sunlight.

LOOK YOUR BEST IN ANY LIGHT, AHEAD OF TIME.



WITH A SIMPLE TURN OF THE KNOB, YOU CAN ADJUST THE LIGHTING TO MATCH ANY OCCASSION.

araya⁵ TUNABLE COLOR
by lumenetix

BOAST YOUR MOST ENVI^{*}OUS FEATURES

STARPHIRE Glass

ENVI-Light uses a mirror of STARPHIRE glass for amazing clarity and superb color fidelity. Standard glass becomes greener when glass thickness increases, but with STARPHIRE glass, your true colors are reflected with supreme clarity.

LUMENETIX Technology

Professional-grade LED lighting powers the illumination with advanced luminance that renders your colors with vibrance and accuracy.

ENVI-Light Everywhere

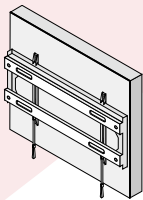
Use the included vanity base or wall mount to position ENVI-Light anywhere you need to look your best.

SPECIFICATIONS

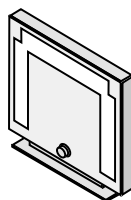


CCT RANGE: 1650K-8000K

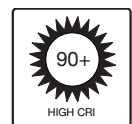
⚡ INPUT VOLTAGE: 120V-277V



WALL MOUNTED



BASE PLATE STAND



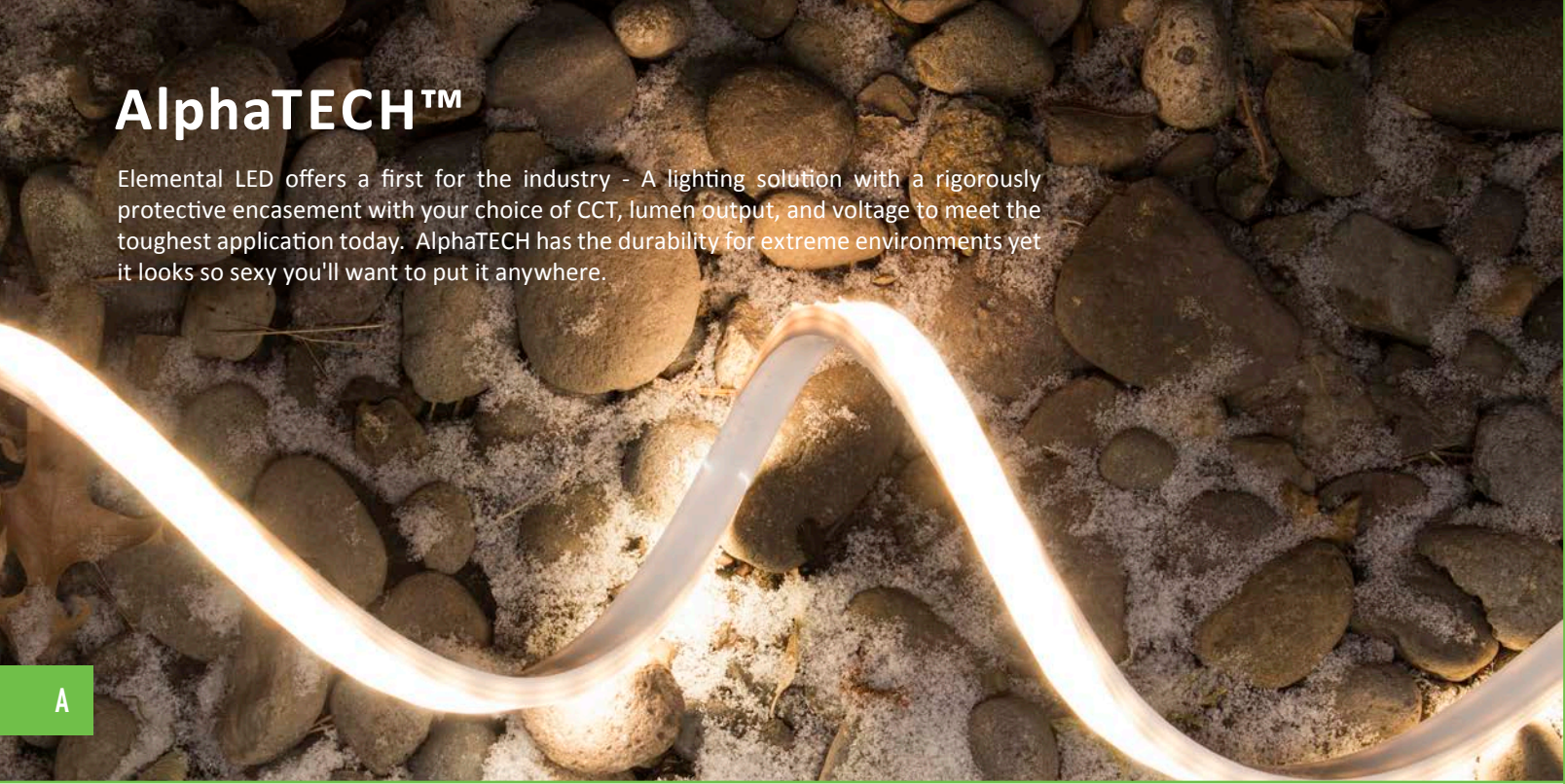
MEET THE DESIGNER frank design.



Frank Friedman is an accomplished and award-winning industrial designer with over 30 years of experience with Fortune 100 companies such as Steelcase, Nike and Apple. He has taught and lectured on industrial and environmental design all over the world including Domus Academy, Milan, Italy; University of California, Berkeley, California; and Stanford University, Palo Alto, California. Mr. Friedman holds over 40 design and utility patents for products of popular brands such as Peerless Lighting and Herman Miller. You can find more information on frank design llc at frankdesignstudio.com

AlphaTECH™

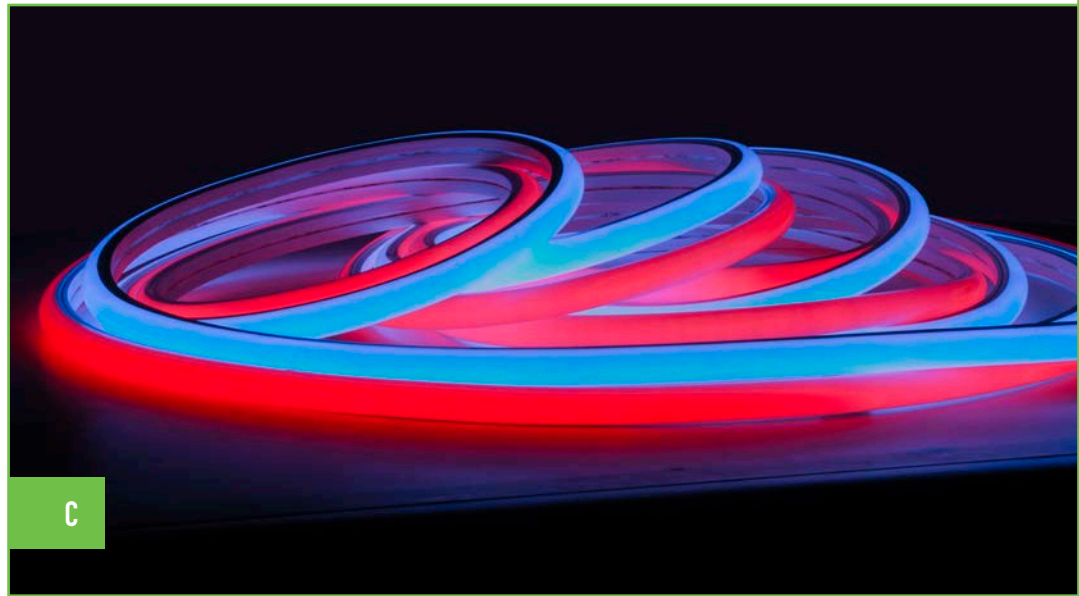
Elemental LED offers a first for the industry - A lighting solution with a rigorously protective encasement with your choice of CCT, lumen output, and voltage to meet the toughest application today. AlphaTECH has the durability for extreme environments yet it looks so sexy you'll want to put it anywhere.



A



B



C



D

BLAZE-LED Tape light illuminates desks at the United Nations.

INTRODUCING THE LONGEST WARRANTY ON TAPE LIGHT IN THE LIGHTING INDUSTRY

— 12 YEARS —

We are committed to creating the highest quality products in the market—quality that our customers have come to depend on—and to providing the best-in-class customer experience. Increasing the warranty term from 5 to 12 years is a game changer for our industry. Our customers now have a protected investment, knowing they have purchased a reliable product that will last for years.

NEW 12-YEAR WARRANTY IS DUE TO:

- **Proven Track Record of Quality**
- **Durable Design**
- **Advanced Chip Technology**
- **Exclusive and Patented Products**
- **Efficiency Improvements**
- **Safety Certifications**

We Stand Behind Our Products.

LINEAR LED LIGHTING

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

A AlphaTECH™
For extreme or environmental applications
(Page 35)

B FLUID VIEW® TAPE LIGHT
Perfect for ambient lighting
(Page 30)

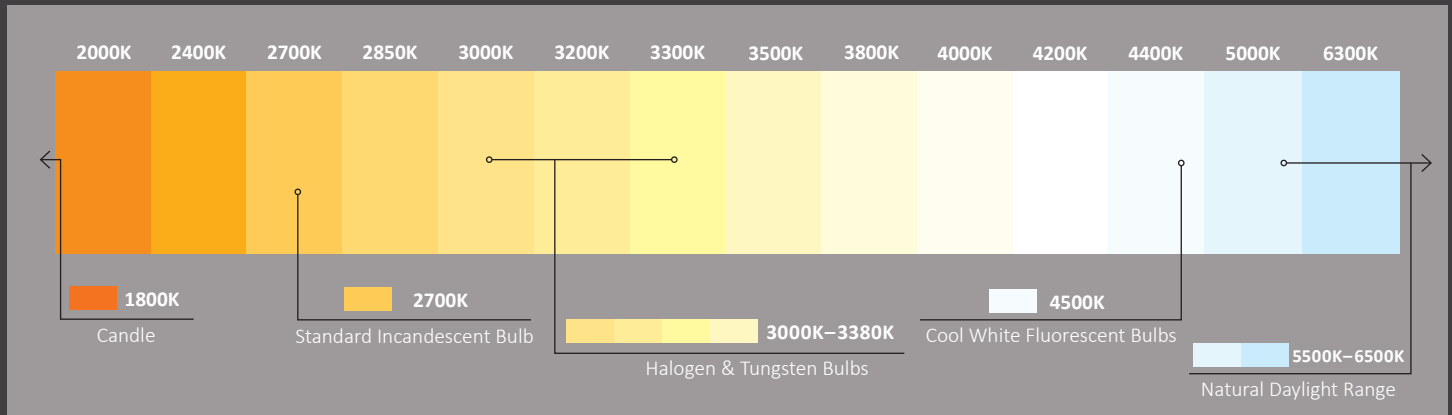
C NEON BLAZE™
Bright and colorful lighting solutions
(Page 44)

D BLAZE™ LED TAPE LIGHT
BLAZE is the number one selling tape light
(Page 32)

QUALITY LED TAPE LIGHT

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

✓ WHITE LIGHT SPECTRUM



✓ PHOTOMETRIC EVIDENCE

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

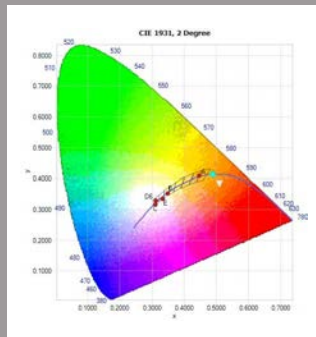
 **LUMINOUS INTENSITY DISTRIBUTION**

 **COLOR CHARACTERISTICS**

 **EFFICACY**


 **TOTAL FLUX**

 **ELECTRICAL POWER**



✓ PRECISION MANUFACTURING

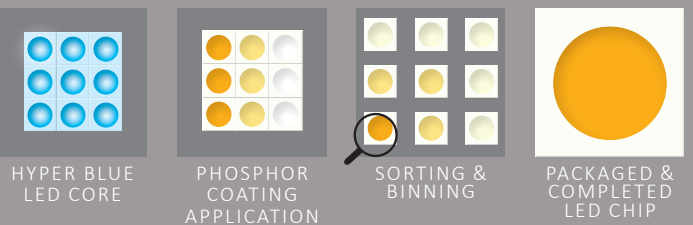
PRODUCTION OF DIODE LED TAPE LIGHT STARTS WITH QUALITY LED CHIP SELECTION


 **LUMEN OUTPUT (LUX)**

 **COLOR RENDERING INDEX (CRI)**

 **CORRELATED COLOR TEMPERATURE (CCT)**

PRODUCTION OF DIODE LED TAPE LIGHT



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

MANUFACTURING PROCESS



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



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



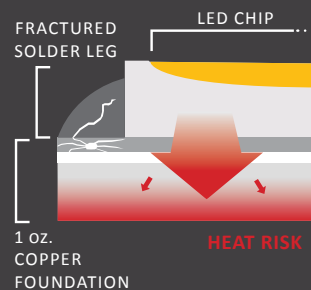
SORTING & BINNING. Each LED chip is sorted and measured by high-precision cameras and computer systems to collect LEDs into batches for accuracy of Correlated Color Temperature (CCT) and Color Rendering Index (CRI) measurements.

GREAT TAPE LIGHT STARTS WITH THE FOUNDATION

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



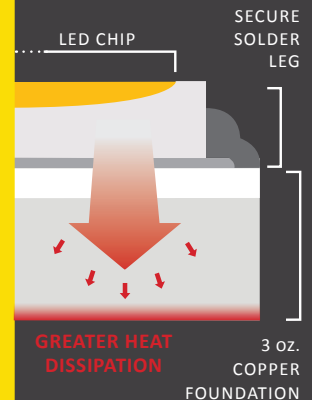
COMPETITOR TAPE LIGHT



INFERIOR LED TAPE LIGHT POINTS OF FAILURE

- Temperature damage to LED
- Stress fractures from weak connections
- Fire or burn-out risk from excessive heat build-up
- Varied production quality

DIODE LED TAPE LIGHT



DIODE LED TAPE LIGHT OPTIMAL PERFORMANCE


























- Stronger connections and resilient design
- Greater heat dissipation for safety and performance
- Increased electricity flow for longer runs
- Precise and uniform quality control



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

Indoor LED Tape Light Product Comparison Chart



















AMBIENT LIGHTING

PRODUCT	INPUT VOLTAGE	CCT	CRI	LUMENS / FT.	POWER CONSUMPTION /FT	MAX RUN	PAGE
FLUID VIEW® 12V LED Tape Light Softest illumination tape light with the largest CCT selection.	12VDC	 2000K	70	117	1.44W / ft.	37 ft.	30
		 2400K	81	105			
		 2700K	83	117			
		 2850K	82	125			
		 3000K	81	143			
		 3300K	81	151			
		 3500K	82	150			
		 3800K	82	144			
		 4200K	81	149			
		 4400K	82	130			
		 5000K	82	146			
		 6300K	81	141			
		 AMBER	N/A	69			
FLUID VIEW® 24V LED Tape Light The best CRI with the longest linear runs in the industry.	24VDC	 2000K	92	87	1.44W / ft.	67 ft.	31
		 2400K	96	90			
		 2700K	93	99			
		 2850K	92	106			
		 3000K	94	104			
		 3300K	94	105			
		 3500K	93	106			
		 3800K	93	114			
		 4200K	92	114			
		 4400K	92	117			
		 5000K	93	116			
		 6300K	94	115			

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

Indoor LED Tape Light Product Comparison Chart

HI-OUTPUT LIGHTING















































PRODUCT	INPUT VOLTAGE	CCT	CRI	LUMENS / FT.	POWER CONSUMPTION / FT.	MAX RUN	PAGE
BLAZE™ 12V LED Tape Light The most popular tape light in the market for over a decade.	12VDC	 2400K	81	252	2.88W / ft.	27 ft.	32
		 2700K	83	293			
		 2850K	82	250			
		 3000K	81	286			
		 3300K	81	299			
		 3500K	82	280			
		 3800K	83	270			
		 4200K	82	304			
		 4400K	82	258			
		 5000K	83	317			
		 6300K	82	276			
				Blue			
		Green	N/A	205			
		Red	N/A	101			
BLAZE™ 24V LED Tape Light Large range of CCTs available in 90+ CRI.	24VDC	 2400K	95	179	2.88W / ft.	33 ft.	33
		 2700K	93	197			
		 2850K	92	209			
		 3000K	97	202			
		 3300K	94	207			
		 3500K	94	207			
		 3800K	94	224			
		 4200K	93	228			
		 4400K	92	230			
		 5000K	93	226			
		6300K	94	223			
ULTRA BLAZE™ 12V LED Tape Light High light output in a compact design.	12VDC	 2700K	81	347	4.32W / ft.	16.4 ft.	38
		 3000K	81	360			
		 6300K	84	406			
ULTRA BLAZE™ 24V LED Tape Light High light output in 20ft. runs.	24VDC	 2700K	81	368	4.32W / ft.	20 ft.	38
		 3000K	81	360			
		 6300K	84	406			
DOUBLE BLAZE™ 12V LED Tape Light Bright lighting for task and overhead.	12VDC	 2700K	83	517	5.75W / ft.	9.5 ft.	36
		 3000K	81	543			
		 3500K	83	530			
		 4200K	82	528			
		 5000K	81	579			
DOUBLE BLAZE™ 24V LED Tape Light Bright lighting for task and overhead in longer runs.	24VDC	 2700K	80+	500	5.75W / ft.	16.4 ft.	37
		 3000K	80+	500			
		 3500K	80+	510			
		 4200K	80+	520			
		 5000K	80+	525			

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

Indoor LED Tape Light Product Comparison Chart




SPECIALTY LIGHTING

Use the chart below to compare the entire line of Diode LED strip light and find out what works best for you.

PRODUCT	INPUT VOLTAGE	CCT	CRI	LUMENS / FT.	POWER CONSUMPTION / FT	MAX RUN	PAGE
AVENUE 24™ 24V LED Tape Light 90+ CRI LED tape light 		 2700K	92	162	2.09W / ft.	40 ft.	39
		 3000K	92	153			
		 3500K	92	153			
		 4200K	92	166			
		 5000K	92	168			
VALENT® 12V LED Tape Light 90+ CRI LED tape light 		 2500K	93	144	2.2W / ft.	16.4 ft.	40
		 2700K	92	150			
		 3000K	92	157			
		 3500K	95	170			
		 4200K	94	170			
		 5000K	93	177			
VALENT® HD 24V LED Tape Light 90+ CRI LED tape light 		 2500K	93	277	4.4W / ft.	16.4 ft.	40
		 2700K	93	297			
		 3000K	92	314			
		 3500K	93	320			
		 4200K	95	337			
		 5000K	95	331			
VALENT® X 24V LED High Output Tape Light Our brightest tape light.		 2700K	90+	790	7.2 W / ft.	10 ft.	41
		 3000K	90+	825			
		 4000K	90+	874			
		 5000K	90+	840			
NEON BLAZE™ 24V LED Tape Light Flexible with continuous color saturation. 		 2700K			1.2W / ft. Max run: 65.6 ft	44	
		 3500K					
		 6300K			2.4W / ft. Max run: 32.8 ft		
		 Green					
		 Blue			4.4W / ft. Max run: 16.4 ft		
		 Purple					
		 Pink					
		 Red					
 Gold							
120VAC Strip Light INFINILINE® X High Voltage Strip Light Connect directly to 120VAC with maximum runs up to 200 feet. Great for indoor/outdoor applications.		 2700K	91	452	Driverless Plug and Play Strip Light	Up to 200 feet	120
		 3000K	92	502			
		 3500K	92	461			
		 4000K	95	462			
		 4500K	95	443			
		 6000K	95	510			

Wet Location LED Strip Light Product Comparison Chart

Use the chart below to compare the entire line of Diode LED strip light and find out what works best for you.

PRODUCT	INPUT VOLTAGE	CCT	CRI	LUMENS / FT.	POWER CONSUMPTION / FT	MAX RUN	PAGE
FLUID VIEW® Wet Location Featuring the turtle-safe AMBER color for applications near wildlife .	12VDC	 3000K	85	100	1.44W / ft.	16.4 ft.	48
		 AMBER	N/A	69			
BLAZE™ Wet Location High output lighting for wet environments.	12VDC	 3000K	86	180	2.88W / ft.	16.4 ft.	49
		 6300K	86	190			
HYDROLUME® SLIM Indoor/outdoor and resistant to saltwater.	24VDC	 2700K	80+	113	1.22W / ft.	65 ft.	52
		 3000K	80+	113			
		 4000K	80+	122			
		 6500K	80+	122			
HYDROLUME® SLIM HD Same features as HYDROLUME SLIM yet with a higher density and greater illumination.	24VDC	 2700K	80+	226	2.44W / ft.	32 ft.	52
		 3000K	80+	226			
		 4000K	80+	244			
		 6500K	80+	244			

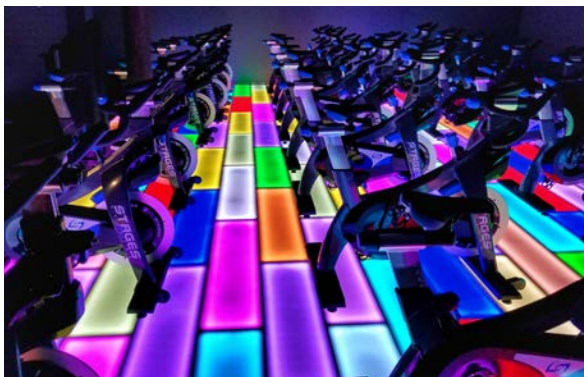


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THE NEWEST LIGHTING SOLUTION FOR EXTREME ENVIRONMENTS.

PAGE 35

CALL US TODAY FOR TAPE LIGHT OPTIONS AND DETAILS.



COLOR CHANGING LIGHT & CONTROL OPTIONS

Page 71





Affordable Lighting Center



works by Clay Mohrman.

FLUID VIEW® 12V LED Tape Light

ACTUAL SIZE



FEATURES & BENEFITS

- Soft accent illumination
- Certified closet-safe
- Largest CCT selection

QUICK SPECS

Voltage	12VDC
Wattage	1.44W / ft.
Dimmable	Yes
Max. Run	37 ft.
Field Cuttable	Every 2 in.
Certification	UL Listed 2108

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



ACCESSORIES FOR THIS PRODUCT ON PAGE 42

SKU	LENGTH	CCT	CRI	LUMENS / FT.
DI-12V-FV20-8016	16.4 ft. spool	2000K	80	117
DI-12V-FV20-80100	100 ft. spool	2000K	80	117
DI-12V-FV24-8016	16.4 ft. spool	2400K	81	105
DI-12V-FV24-80100	100 ft. spool	2400K	81	105
DI-12V-FV27-8016	16.4 ft. spool	2700K	83	117
DI-12V-FV27-80100	100 ft. spool	2700K	83	117
DI-12V-FV27-80400	400 ft. spool	2700K	83	117
DI-12V-FV28-8016	16.4 ft. spool	2850K	82	125
DI-12V-FV28-80100	100 ft. spool	2850K	82	125
DI-12V-FV30-8016	16.4 ft. spool	3000K	81	143
DI-12V-FV30-80100	100 ft. spool	3000K	81	143
DI-12V-FV30-80400	400 ft. spool	3000K	81	143
DI-12V-FV33-8016	16.4 ft. spool	3300K	81	151
DI-12V-FV33-80100	100 ft. spool	3300K	81	151
DI-12V-FV35-8016	16.4 ft. spool	3500K	82	150
DI-12V-FV35-80100	100 ft. spool	3500K	82	150
DI-12V-FV35-80400	400 ft. spool	3500K	82	150
DI-12V-FV38-8016	16.4 ft. spool	3800K	82	144
DI-12V-FV38-80100	100 ft. spool	3800K	82	144
DI-12V-FV42-8016	16.4 ft. spool	4200K	81	149
DI-12V-FV42-80100	100 ft. spool	4200K	81	149
DI-12V-FV44-8016	16.4 ft. spool	4400K	82	130
DI-12V-FV44-80100	100 ft. spool	4400K	82	130
DI-12V-FV50-8016	16.4 ft. spool	5000K	82	146
DI-12V-FV50-80100	100 ft. spool	5000K	82	146
DI-12V-FV63-8016	16.4 ft. spool	6300K	81	141
DI-12V-FV63-80100	100 ft. spool	6300K	81	141
DI-12V-FVAM-8016	16.4 ft. spool	AMBER	N/A	69
DI-12V-FVAM-80100	100 ft. spool	AMBER	N/A	69



FLUID VIEW® 24V LED Tape Light



ACTUAL SIZE



FEATURES & BENEFITS

- Industry leading 67 ft. of continuous linear light
- High CRI for superior color rendering
- Commercial-grade lighting

QUICK SPECS

Voltage	24VDC
Wattage	1.44W / ft.
Dimmable	Yes
Max. Run	67 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.



ACCESSORIES FOR THIS PRODUCT ON PAGE 42

SKU	LENGTH	CCT	CRI	LUMENS / FT.	
DI-24V-FV20-9067	67 ft. spool		2000K	92	87
DI-24V-FV20-90100	100 ft. spool		2400K	96	90
DI-24V-FV24-9067	67 ft. spool		2700K	93	99
DI-24V-FV24-90100	100 ft. spool		2850K	92	106
DI-24V-FV27-9067	67 ft. spool		3000K	94	104
DI-24V-FV27-90100	100 ft. spool		3300K	94	105
DI-24V-FV27-90400	400 ft. spool		3500K	93	106
DI-24V-FV28-9067	67 ft. spool		3800K	93	114
DI-24V-FV28-90100	100 ft. spool		4200K	92	114
DI-24V-FV30-9067	67 ft. spool		4400K	92	117
DI-24V-FV30-90100	100 ft. spool		5000K	93	116
DI-24V-FV30-90400	400 ft. spool		6300K	94	115
DI-24V-FV33-9067	67 ft. spool				
DI-24V-FV33-90100	100 ft. spool				
DI-24V-FV35-9067	67 ft. spool				
DI-24V-FV35-90100	100 ft. spool				
DI-24V-FV35-90400	400 ft. spool				
DI-24V-FV38-9067	67 ft. spool				
DI-24V-FV38-90100	100 ft. spool				
DI-24V-FV42-9067	67 ft. spool				
DI-24V-FV42-90100	100 ft. spool				
DI-24V-FV44-9067	67 ft. spool				
DI-24V-FV44-90100	100 ft. spool				
DI-24V-FV50-9067	67 ft. spool				
DI-24V-FV50-90100	100 ft. spool				
DI-24V-FV63-9067	67 ft. spool				
DI-24V-FV63-90100	100 ft. spool				



BLAZE™ 12V LED Tape Light

ACTUAL SIZE



FEATURES & BENEFITS

- Our most popular tape light
- Certified closet-safe
- Wide CCT selection

QUICK SPECS

Voltage	12VDC
Wattage	2.88W / ft.
Dimmable	Yes
Max. Run	27 ft.
Field Cuttable	Every 1 in.
Certification	UL Listed 2108

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



ACCESSORIES FOR THIS PRODUCT ON PAGE 42

SKU	LENGTH	CCT	CRI	LUMENS / FT.
DI-12V-BL24-8016	16.4 ft. spool	 2400K	81	252
DI-12V-BL24-80100	100 ft. spool			
DI-12V-BL27-8016	16.4 ft. spool	 2700K	83	293
DI-12V-BL27-80100	100 ft. spool			
DI-12V-BL27-80400	400 ft. spool			
DI-12V-BL28-80100	16.4 ft. spool	 2850K	82	250
DI-12V-BL28-80400	100 ft. spool			
DI-12V-BL30-8016	16.4 ft. spool	 3000K	81	286
DI-12V-BL30-80100	100 ft. spool			
DI-12V-BL30-80400	400 ft. spool			
DI-12V-BL33-8016	16.4 ft. spool	 3300K	81	299
DI-12V-BL33-80100	100 ft. spool			
DI-12V-BL35-8016	16.4 ft. spool	 3500K	82	280
DI-12V-BL35-80100	100 ft. spool			
DI-12V-BL35-80400	400 ft. spool			
DI-12V-BL38-8016	16.4 ft. spool	 3800K	83	270
DI-12V-BL38-80100	100 ft. spool			
DI-12V-BL42-8016	16.4 ft. spool	 4200K	82	304
DI-12V-BL42-80100	100 ft. spool			
DI-12V-BL44-80100	16.4 ft. spool	 4400K	82	258
DI-12V-BL44-80400	100 ft. spool			
DI-12V-BL50-8016	16.4 ft. spool	 5000K	83	317
DI-12V-BL50-80100	100 ft. spool			
DI-12V-BL63-8016	16.4 ft. spool	 6300K	82	276
DI-12V-BL63-80100	100 ft. spool			
DI-12V-0142	16.4 ft. spool	 Blue	N/A	41
DI-12V-BLBL-0100	100 ft. spool			
DI-12V-0141	16.4 ft. spool	 Green	N/A	205
DI-12V-BLGN-0100	100 ft. spool			
DI-12V-0140	16.4 ft. spool	 Red	N/A	101
DI-12V-BLRD-0100	100 ft. spool			



BLAZE™ 24V LED Tape Light

ACTUAL SIZE



FEATURES & BENEFITS

- Up to 33 ft. of continuous linear light
- 90+ CRI for true-to-life color rendering
- Bright for task and work spaces

QUICK SPECS

Voltage	24VDC
Wattage	2.88 W / ft.
Dimmable	Yes
Max. Run	33 ft.
Field Cuttable	Every 2 in.
Certification	UL Listed 2108

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



ACCESSORIES FOR THIS PRODUCT ON PAGE 42

SKU	LENGTH	CCT	CRI	LUMENS / FT.
DI-24V-BL24-9033	33 ft. spool	2400K	95	179
DI-24V-BL24-90100	100 ft. spool	2700K	93	197
DI-24V-BL27-9033	33 ft. spool	2850K	92	209
DI-24V-BL27-90100	100 ft. spool	3000K	97	202
DI-24V-BL27-90400	400 ft. spool	3300K	94	207
DI-24V-BL28-9033	33 ft. spool	3500K	94	207
DI-24V-BL28-90100	100 ft. spool	3800K	94	224
DI-24V-BL30-9033	33 ft. spool	4200K	93	228
DI-24V-BL30-90100	100 ft. spool	4400K	92	230
DI-24V-BL30-90400	400 ft. spool	5000K	93	226
DI-24V-BL33-9033	33 ft. spool	6300K	94	223
DI-24V-BL33-90100	100 ft. spool			
DI-24V-BL35-9033	33 ft. spool			
DI-24V-BL35-90100	100 ft. spool			
DI-24V-BL35-90400	400 ft. spool			
DI-24V-BL38-9033	33 ft. spool			
DI-24V-BL38-90100	100 ft. spool			
DI-24V-BL42-9033	33 ft. spool			
DI-24V-BL42-90100	100 ft. spool			
DI-24V-BL44-9033	33 ft. spool			
DI-24V-BL44-90100	100 ft. spool			
DI-24V-BL50-9033	33 ft. spool			
DI-24V-BL50-90100	100 ft. spool			
DI-24V-BL63-9033	33 ft. spool			
DI-24V-BL63-90100	100 ft. spool			



NEXT GENERATION LINEAR LIGHT ENGINE TECHNOLOGY COMBINED WITH ELEGANT DESIGN

AlphaTECH™

AlphaTECH is Elemental LED's next generation innovation brought to life. Rugged and flexible light engine is designed for demanding conditions and harsh environments while bringing stunning elegance. 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 using 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 technology to be physically superior in the most rigorous applications.

PATENTED

FEATURES & BENEFITS

- Built for extreme and demanding conditions
- Striking elegance from innovative technology
- Withstands direct sunlight
- IP68 - completely submersible
- Flexible ruggedness for an easy install
- Slim and compact with high quality Diode LED light engine
- Designed, developed, and manufactured in the USA



AlphaTECH™

ENGINEERED FOR DURABILITY

- Manufactured in the USA using advanced automation and robotics
- Impact resistant and UV protected
- Integrated high-density engineered polymers allow for use with or without channels
- Flexible or rigid options – custom formulated for your needs
- Tailored lengths

Exclusively Available with Tape Light from

Diode LED®

COLOR TEMPERATURE RANGE

Warm White
2800K -3500K



Soft White
3700K -4400K



Cool White
5000K -7300K



Amber



Blue



Green



Red



DOUBLE BLAZE™ 12V LED Tape Light

ACTUAL SIZE



FEATURES & BENEFITS

- Highest efficacy tape light offering
- Commercial-grade illumination
- Overhead-ready when paired with CHROMAPATH®

QUICK SPECS

Voltage	12VDC
Wattage	5.75W / ft.
Dimmable	Yes
Max. Run	9.5 ft.
Field Cuttable	Every 1 in.
Certification	UL Listed 2108

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



SKU	LENGTH	CCT	CRI	LUMENS / FT.
DI-12V-DB27-8009	9.5 ft. spool	2700K	83	517
DI-12V-DB27-80100	100 ft. spool	2700K	83	517
DI-12V-DB30-8009	9.5 ft. spool	3000K	81	543
DI-12V-DB30-80100	100 ft. spool	3000K	81	543
DI-12V-DB35-8009	9.5 ft. spool	3500K	83	530
DI-12V-DB35-80100	100 ft. spool	3500K	83	530
DI-12V-DB42-8009	9.5 ft. spool	4200K	82	528
DI-12V-DB42-80100	100 ft. spool	4200K	82	528
DI-12V-DB50-8009	9.5 ft. spool	5000K	81	579
DI-12V-DB50-80100	100 ft. spool	5000K	81	579

DOUBLE BLAZE™ Tape Light Accessories

PRODUCT IMAGE	SKU	DESCRIPTION
	DI-DBS-5	Splice Connector - 3 in. - 5-Pack
	DI-DBD-5	DC Plug Connector - 5.4 in. - 5-Pack
	DI-DBX-5	Bending Extension - 3 in. - 5-Pack
	DI-DBL-5	Tape Link Connector - 5-Pack



DOUBLE BLAZE™ 24V LED Tape Light



FEATURES & BENEFITS

- Highest efficacy tape light offering
- Commercial-grade illumination
- Overhead-ready when paired with CHROMAPATH®

QUICK SPECS

Voltage	24VDC
Wattage	5.75W / ft.
Dimmable	Yes
Max. Run	16.4 ft.
Field Cuttable	Every 2 in.
Certification	UL Listed 2108

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



SKU	LENGTH	CCT	CRI	LUMENS / FT.
DI-24V-DB27-016	16.4 ft. spool	2700K	80+	500
DI-24V-DB27-100	100 ft. spool	2700K	80+	500
DI-24V-DB30-016	16.4 ft. spool	3000K	80+	500
DI-24V-DB30-100	100 ft. spool	3000K	80+	500
DI-24V-DB35-016	16.4 ft. spool	3500K	80+	510
DI-24V-DB35-100	100 ft. spool	3500K	80+	510
DI-24V-DB42-016	16.4 ft. spool	4200K	80+	520
DI-24V-DB42-100	100 ft. spool	4200K	80+	520
DI-24V-DB50-016	16.4 ft. spool	5000K	80+	525
DI-24V-DB50-100	100 ft. spool	5000K	80+	525

DOUBLE BLAZE™ Tape Light Accessories

PRODUCT IMAGE	SKU	DESCRIPTION
	DI-DBS-5	Splice Connector - 3 in. - 5-Pack
	DI-DBD-5	DC Plug Connector - 5.4 in. - 5-Pack
	DI-DBX-5	Bending Extension - 3 in. - 5-Pack
	DI-DBL-5	Tape Link Connector - 5-Pack



ACTUAL SIZE



ULTRA BLAZE™ LED Tape Light

ACTUAL SIZE



FEATURES & BENEFITS

- High output with low profile
- Commercial-grade illumination
- 24V model features extended run length

QUICK SPECS

Voltage	12VDC & 24VDC
Wattage	4.32W / ft.
Dimmable	Yes
Max. Run	16.4 ft. (12V) 20 ft. (24V)
Field Cuttable	2 in. (12V) 4 in. (24V)
Certification	UL Listed 2108

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



ACCESSORIES FOR THESE PRODUCTS ON PAGE 42

12V ULTRA BLAZE



Only 12VDC version of ULTRA BLAZE UL Rated for closet use.

SKU	LENGTH	INPUT VOLTAGE	CCT	CRI	LUMENS / FT.
DI-12V-UB27-8016	16.4 ft. spool	12VDC	2700K	81	347
DI-12V-UB27-80100	100 ft. spool		3000K	81	360
DI-12V-UB30-8016	16.4 ft. spool	12VDC	6300K	84	406
DI-12V-UB30-80100	100 ft. spool		6300K	84	406

24V ULTRA BLAZE

SKU	LENGTH	INPUT VOLTAGE	CCT	CRI	LUMENS / FT.
DI-24V-UB27-8020	20 ft. spool	24VDC	2700K	81	368
DI-24V-UB27-80100	100 ft. spool		3000K	82	362
DI-24V-UB35-8020	20 ft. spool	24VDC	3500K	83	380*
DI-24V-UB35-80100	100 ft. spool		4200K	83	380*
DI-24V-UB42-8020	20 ft. spool	24VDC	6300K	84	415
DI-24V-UB42-80100	100 ft. spool		6300K	84	415

*Preliminary data; check specification sheet for up to date photometric data.



AVENUE 24™ Premium 24V LED Tape Light

ACTUAL SIZE



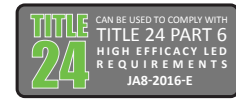
FEATURES & BENEFITS

- Up to 40 ft. run lengths
- 90+ CRI: Superior color rendering
- Architectural-grade lighting applications

QUICK SPECS

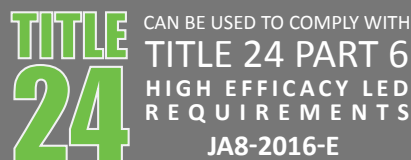
Voltage	24VDC
Wattage	2.09W / ft.
Dimmable	Yes
Max. Run	40 ft.
Field Cuttable	Every 4 in.
Certification	UL Listed 2108

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



ACCESSORIES FOR THESE PRODUCTS ON PAGE 42

SKU	LENGTH	CCT	CRI	LUMENS / FT.
DI-24V-AV27-9040	40 ft. spool	2700K	95	134
DI-24V-AV30-9040	40 ft. spool	3000K	90	141
DI-24V-AV35-9040	40 ft. spool	3500K	91	182
DI-24V-AV42-9040	40 ft. spool	4200K	92	167
DI-24V-AV50-9040	40 ft. spool	5000K	90	176



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

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



VALENT® Premium 12V LED Tape Light

ACTUAL SIZE



BRILLIANT COLOR RENDERING FOR COMMERCIAL & DISPLAY

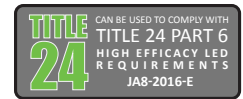
FEATURES & BENEFITS

- Engineered for optimal true-to-life color rendering
- 90+ CRI: Superior color rendering
- Two light output options for any application

QUICK SPECS

Voltage	12VDC
Wattage	(V) 2.2W / ft. (VHD) 4.4W / ft.
Dimmable	Yes
Max. Run	16.4 ft.
Field Cuttable	(V) 2 in. (VHD) 4 in.
Certification	UL Listed 2108

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



ACCESSORIES FOR THESE PRODUCTS ON PAGE 42

VALENT

SKU	LENGTH	TYPE	CCT	LUMENS / FT.
DI-12V-1VA25-9016	16.4 ft. spool	VALENT	2500K	144
DI-12V-1VA25-90100	100 ft. spool	VALENT	2500K	144
DI-12V-1VA27-9016	16.4 ft. spool	VALENT	2700K	150
DI-12V-1VA27-90100	100 ft. spool	VALENT	2700K	150
DI-12V-1VA30-9016	16.4 ft. spool	VALENT	3000K	157
DI-12V-1VA30-90100	100 ft. spool	VALENT	3000K	157
DI-12V-1VA42-9016	16.4 ft. spool	VALENT	4200K	170
DI-12V-1VA42-90100	100 ft. spool	VALENT	4200K	170
DI-12V-1VA50-9016	16.4 ft. spool	VALENT	5000K	170
DI-12V-1VA50-90100	100 ft. spool	VALENT	5000K	170
DI-12V-1VA63-9016	16.4 ft. spool	VALENT	6300K	177
DI-12V-1VA63-90100	100 ft. spool	VALENT	6300K	177

VALENT High Density

SKU	LENGTH	TYPE	CCT	LUMENS / FT.
DI-12V-2VA25-9016	16.4 ft. spool	VALENT HD	2500K	277
DI-12V-2VA25-90100	100 ft. spool	VALENT HD	2500K	277
DI-12V-2VA27-9016	16.4 ft. spool	VALENT HD	2700K	297
DI-12V-2VA27-90100	100 ft. spool	VALENT HD	2700K	297
DI-12V-2VA30-9016	16.4 ft. spool	VALENT HD	3000K	314
DI-12V-2VA30-90100	100 ft. spool	VALENT HD	3000K	314
DI-12V-2VA35-9016	16.4 ft. spool	VALENT HD	3500K	320
DI-12V-2VA35-90100	100 ft. spool	VALENT HD	3500K	320
DI-12V-2VA42-9016	16.4 ft. spool	VALENT HD	4200K	337
DI-12V-2VA42-90100	100 ft. spool	VALENT HD	4200K	337
DI-12V-2VA50-9016	16.4 ft. spool	VALENT HD	5000K	331
DI-12V-2VA50-90100	100 ft. spool	VALENT HD	5000K	331
DI-12V-2VA63-9016	16.4 ft. spool	VALENT HD	6300K	366
DI-12V-2VA63-90100	100 ft. spool	VALENT HD	6300K	366



ACTUAL SIZE

VALENT[®] X

High-Output LED Tape Light

FEATURES & BENEFITS

- 800+ lumens per foot
- 90+ CRI: Superior color rendering
- New and improved, field cuttable design

QUICK SPECS

Voltage	24VDC
Wattage	7.2W / ft.
Dimmable	Yes
Max. Run	10 ft.
Field Cuttable	Every 1.32 in.
Certification	UL Listed 2108

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



New and Improved Design

- Over 800 lumens per ft.
- No channel required
- Field cuttable

VALENT[®] X 24V LED Tape Light

SKU	LENGTH	CCT	CRI	LUMENS / FT.	
DI-24V-VLX7-25-010	10 ft. spool		2500K	93+	762
DI-24V-VLX7-27-010	10 ft. spool		2700K	93+	789
DI-24V-VLX7-30-010	10 ft. spool		3000K	93+	825
DI-24V-VLX7-35-010	10 ft. spool		3500K	93+	830
DI-24V-VLX7-42-010	10 ft. spool		4200K	93+	841
DI-24V-VLX7-50-010	10 ft. spool		5000K	93+	840
DI-24V-VLX7-63-010	10 ft. spool		6300K	93+	853

VALENT[®] X Connector

PRODUCT IMAGE	SKU	DESCRIPTION
	DI-CKT-24SPVX	VALENT X 24 in. Splice Connector

CLICKTIGHT® Single Color Tape Light Connectors





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

CLICKTIGHT tape light connectors.

60W on 12V circuits

96W on 24V circuits

Connector Note: Class 2 maximum load limit on all

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

CLICKTIGHT® PRO Connectors



LEDS MAGAZINE SAPPHIRE AWARDS

TAPE LIGHT COMPATIBILITY:

- AVENUE 24™ LED Tape Light
- BLAZE™ LED Tape Light
- FLUID VIEW® LED Tape Light
- ULTRA BLAZE™ LED Tape Light
- VALENT® LED Tape Light

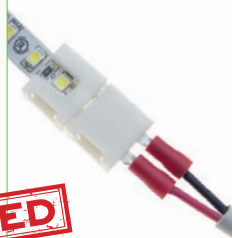
PATENTED



CLICKTIGHT PRO Tape-to-Tape Connector

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

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



CLICKTIGHT PRO Tape-to-Wire Connector

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

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

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

TAPEGUARD® LED Tape Light Cover



TAPE LIGHT COMPATIBILITY:

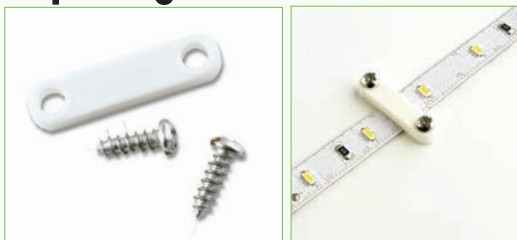
AVENUE 24™
FLUID VIEW®
BLAZE™
VALENT®
DAZZLE 24® RGB
DAZZLE 24® RGBW

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

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



Tape Light Fastener



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

SKU	BUNDLE OPTIONS
DI-WM-TF	Pack of 10

NEON BLAZE™

Flexible LED Light



NEON BLAZE™ IS HERE!

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.

FEATURES & BENEFITS

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

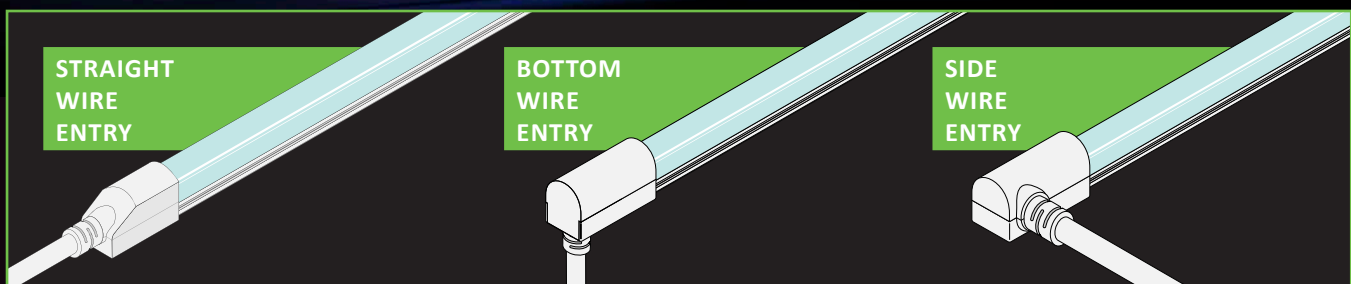
QUICK SPECS

Voltage	24VDC
Wattage	See chart on next page
Dimmable	Yes
Max. Run	Up to 65.6 ft.
Environment	Indoor/outdoor IP65
Field Cuttable	Yes
Certification	UL Listed 2108

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

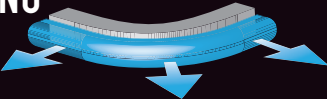
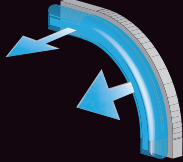











NEON CONNECTION TYPES



NEON BLAZE

MODEL OPTIONS

FORMAT	TOP EMITTING -TE-			SIDE EMITTING -SE-					
									
POWER OPTIONS ~ LENGTHS	1.2W / ft.	2.4W / ft.	4.4W / ft.	1.2W / ft.	2.4W / ft.	4.4W / ft.			
	-NBL1-	-NBL2-	-NBL4-	-NBL1-	-NBL2-	-NBL4-			
	Max run/ spool length: 65.6 ft.	Max run/ spool length: 32.8 ft.	Max run/ spool length: 16.4 ft.	Max run/ spool length: 65.6 ft.	Max run/ spool length: 32.8 ft.	Max run/ spool length: 16.4 ft.			
	-65-	-32-	-16-	-65-	-32-	-16-			
COLOR OPTIONS	-27-	-35-	-63-	-GN-	-BL-	-PU-	-PK-	-RD-	-GL-
	2700K 	3500K 	6300K 	Green 	Blue 	Purple 	Pink 	Red 	Gold 

SKU BUILDER EQUATION

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

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

NEON BLAZE CONNECTORS

SKU	DESCRIPTION
DI-TE-NB-SDWC-EC	Top emitting, side wire entry connector and end cap pair
DI-TE-NB-BWC-EC	Top emitting, Bottom wire entry connector and end cap pair
DI-TE-NB-STWC-EC	Top emitting, Straight wire entry connector and end cap pair
DI-NB-96M-CNCT	(Top/Side Emitting) Male connector with 8ft lead
DI-SE-NB-SDWC-EC	Side emitting, Side wire entry connector and end cap pair
DI-SE-NB-BWC-EC	Side emitting, Bottom wire entry connector and end cap pair
DI-SE-NB-STWC-EC	Side emitting, Straight wire entry connector and end cap pair

MOUNTING OPTIONS

SKU	DESCRIPTION
DI-TE-NB-TUC-16	Top emitting, Top U-clip, Bag of 16
DI-TE-NB-BUC-16	Top emitting, Bottom U-clip, Bag of 16
DI-TE-NB-MTCH	Top emitting, 35" inch channel
DI-SE-NB-TUC-16	Side emitting, Top U-clip, Bag of 16
DI-SE-NB-BUC-16	Side emitting, Bottom U-clip, Bag of 16
DI-SE-NB-MTCH	Side emitting, 35" inch channel

YOUR TECHNOLOGY LEADER

NEW PRODUCTS CHANGING THE INDUSTRY

INFINILINE® X 120VAC LED Strip Light



FEATURES & BENEFITS

- 120V direct-connect
- Integrated rectifier
- AC connection
- Runs up to 200 ft.
- Indoor & outdoor

Details on
Page 120

ETERNALUX™



FEATURES & BENEFITS

- Longest warranty in the industry
- Advanced LED construction

Details on
Page 88

LIGHT GUIDE PANELS



FEATURES & BENEFITS

- Low-profile form factor
- Even and consistent light
- In-stock and ready to ship

Details on
Page 124

INTRODUCING HIGH VOLTAGE LED LIGHTING SOLUTIONS

Page 103

- 120-277VAC options
- Suspended & overhead lighting
- DLC certified solutions
- Commercial & residential



HANGING FIXTURES



RESIDENTIAL LIGHTING

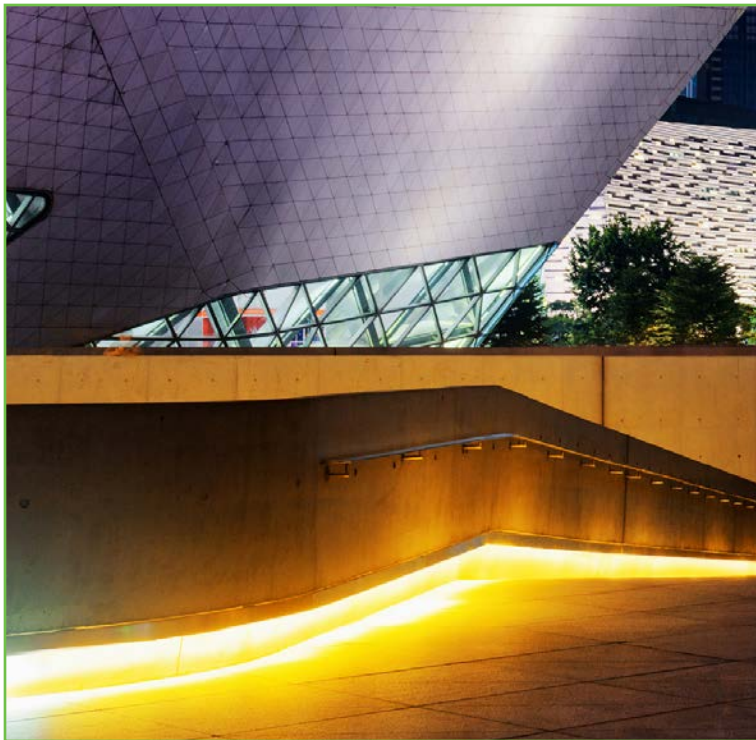


COMMERCIAL SOLUTIONS



ACTUAL SIZE

FLUID VIEW® 12V Wet Location LED Strip Light



FEATURES & BENEFITS

- Protected from wet environments
- Excellent color rendering
- Only wild life certified strip light (Amber)

Voltage	12VDC
Wattage	1.44W / ft.
Dimmable	Yes
Max. Run	16.4 ft.
Field Cuttable	Every 2 in.
Certification	UL Listed 2108

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



ACCESSORIES FOR THIS PRODUCT ON PAGE 50

SKU	LENGTH	CCT	CRI	LUMENS / FT.
DI-12V-FV30-W8016	16.4 ft. spool	3000K	85	100
DI-12V-FVAM-W8016	16.4 ft. spool	AMBER	N/A	69



FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION CERTIFIED LIGHTING PRODUCTS

Amber holds this esteemed certification and demonstrates how Diode LED products play a helpful role in the environment. Lighting is mounted close to the surface and produces low lumens with long wavelengths (560nm or longer) to protect animals in their natural environment.



BLAZE™ 12V Wet Location LED Strip Light



FEATURES & BENEFITS

- Protected from wet environments
- Excellent color rendering
- High output brightness

Voltage	12VDC
Wattage	2.88W / ft.
Dimmable	Yes
Max. Run	16.4 ft.
Field Cuttable	Every 1 in.
Certification	UL Listed 2108



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



ACTUAL SIZE



ACCESSORIES FOR THIS PRODUCT ON PAGE 50

SKU	LENGTH	CCT	CRI	LUMENS / FT.
DI-12V-BL30-W8016	16.4 ft. spool	 3000K	86	180
DI-12V-BL63-W8016	16.4 ft. spool	 6300K	86	190

TAILORED LED STRIP LIGHT FOR WET ENVIRONMENTS

Diode LED's tailored assembly program includes Wet Location LED Strip Light for specified lengths in environments exposed to moisture.

Our team of highly skilled technicians will assemble your Wet Location Strip Light to the lengths you specify complete with leads and connections. Don't let labor, time and e-waste costs slow your project down.

Contact our Customer Service Team or visit www.DiodeLED.com for more details.


Wet Location Strip Light Accessories

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


60W on 12V circuits

96W on 24V circuits


Wet Location Splice Connector Pair

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


Wet Location DC Adapter Connector

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

Wet Location Male-to-Female Extension Cable

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

Wet Location LED Splitter Plug

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

MOUNTING CLIPS



SKU	DESCRIPTION
DI-0754	Pack of 10

WET LOCATION END-CAPS

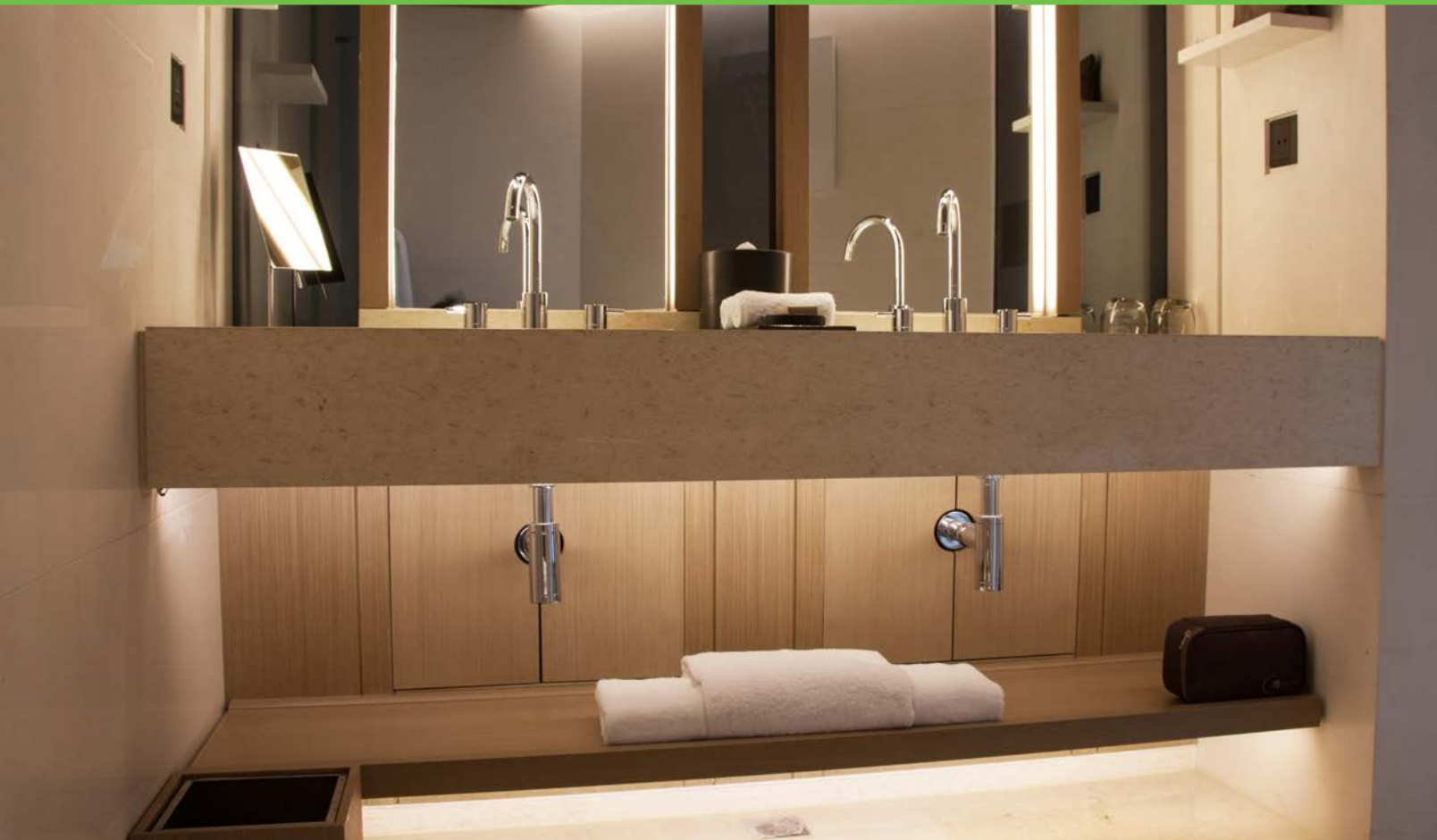
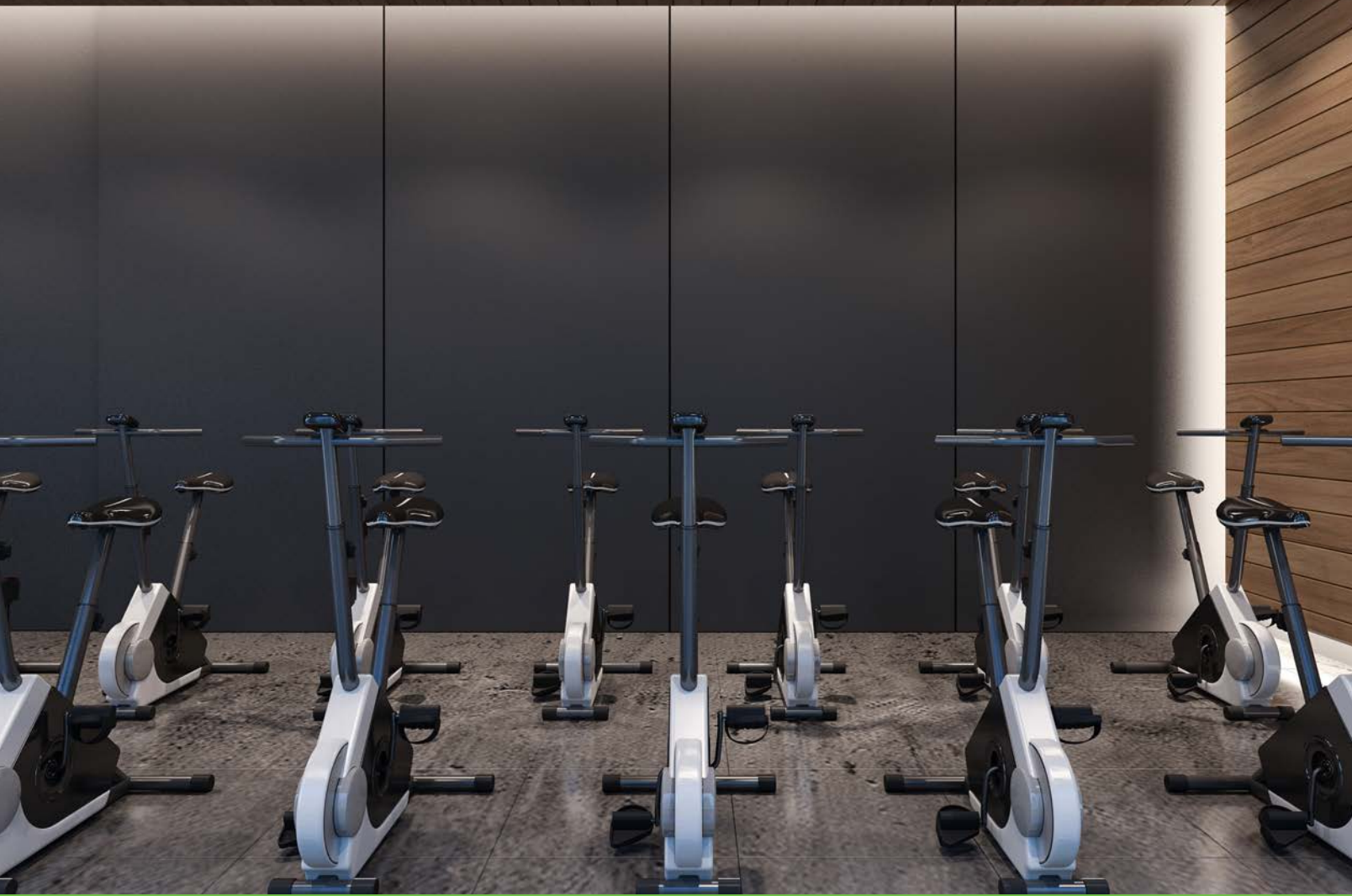


SKU	DESCRIPTION
DI-0755	Pack of 10

SILICONE SEALANT



SKU	DESCRIPTION
DI-WPSL	Single





FIELD-CONNECT FOR ON-THE-JOB INSTALLATIONS

HYDROLUME® SLIM

HYDROLUME® SLIM and SLIM HD LED Strip Light is the latest generation to the HYDROLUME family, with many of the same unique characteristics of original HYDROLUME like chemical resistance and UV protection yet now with so much more. The new HYDROLUME SLIM features a thinner profile suitable for tighter spaces allowing for more flexibility in both indoor and outdoor conditions. The unique IP65 Polyurethane based shell houses a linear LED design that is twice as efficient as the original HYDROLUME with higher lumen output and greater color rendering. Now offering accessories to support field cutting as well multiple mounting options, HYDROLUME SLIM is the easiest, most versatile and durable outdoor LED strip out in the market.

FEATURES & BENEFITS

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










QUICK SPECS

Voltage	24VDC
Wattage	1.22W/ft. (HYDROLUME SLIM) 2.44W/ft. (HYDROLUME SLIM HD)
CCT (Color)	2700K, 3500K, 6500K, Blue, & RGB
Dimming	Dimmable/ color changing
Environment	IP65 - field cuttable IP68 - Call for details



LINEAR LED LIGHTING COMPARISON CHART

HYDROLUME® SLIM LED Tape Light

MODEL TYPE	SKU	LENGTH	CCT	LUMENS / FT.
HYDROLUME SLIM 1.22W / ft. Max run 65.5 ft. IP65	DI-24V-HLS27-65	65.5 ft.	 2700K	113
	DI-24V-HLS30-65	65.5 ft.	 3000K	113
	DI-24V-HLS40-65	65.5 ft.	 4000K	122
	DI-24V-HLS65-65	65.5 ft.	 6500K	122
HYDROLUME SLIM HD 2.44W / ft. Max run 32.8 ft. IP65	DI-24V-HLSP27-32	32.8 ft.	 2700K	226
	DI-24V-HLSP30-32	32.8 ft.	 3000K	226
	DI-24V-HLSP40-32	32.8 ft.	 4000K	244
	DI-24V-HLSP65-32	32.8 ft.	 6500K	244
HYDROLUME RGB	See page 78		RGB	64 Max.

For IP68 or submersible applications, please call for details.

UL Field Cuttable

Combined with encapsulated connectors

UV and Chemical Resistance

Carried over from previous generation, and ideal for both indoor and outdoor commercial usages

Slimmer Profile

Allowing for infinite applications with little restriction of space


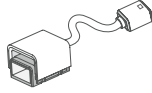
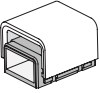
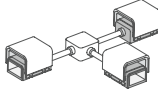
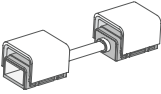
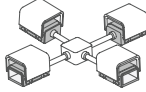
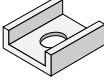

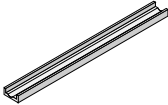
Efficacy Improvements

2x brighter, energy efficient, greater color rendering

Non-Polarity Sensitive

Advanced electronics guarantees LEDs light up each and every time

YOU CAN NOW CREATE YOUR OWN IP65 LENGTHS OF HYDROLUME SLIM USING OUR NEW CONNECTORS

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

SPECIAL SUBMERSIBLE OPTION

Complies with UL 676
Underwater Luminaires

- Pools
- Spas
- Fountains



Call today for
IP68 Solutions
877.817.6028

TAILORED FIXTURES

BUILT YOUR WAY &
READY TO INSTALL

CUSTOM FINISHED LED TAPE & STRIP LIGHT

Order Diode LED tape and strip light in specified lengths with the connection of your choice. No more cutting and soldering. View our linear light options at the beginning of this section.

CUSTOM CUT CHROMAPATH® CHANNELS

Factory finished CHROMAPATH Channels and covers are cut to specified lengths. You have many stylish model options to choose from with Diode LED.

FULLY LOADED FIXTURES WITH LED TAPE LIGHT

Create a customized, low-profile light fixture to specified length and color temperature by adding your choice of LED tape light to your preferred CHROMAPATH Channel.



SPECIFICATIONS & PROJECT SUPPORT

Let our dedicated team help you plan your next project.

- Project quotes tailored to large-scale and complex projects
- Cut, soldering, and factory-finish custom lengths of in-stock tape and strip light – all done in our Nevada Operations Center
- Assistance with DMX and RGB color changing configurations and programming
- Our LED Wizard™ program uses industry-leading software to streamline the process and determine the type and quantity of LED modules required for the job
- Technical review assuring that the products and configurations provided meet customer requirements and technical specifications
- Blueprints and architectural support
- Timely and accurate estimates for competitive bids

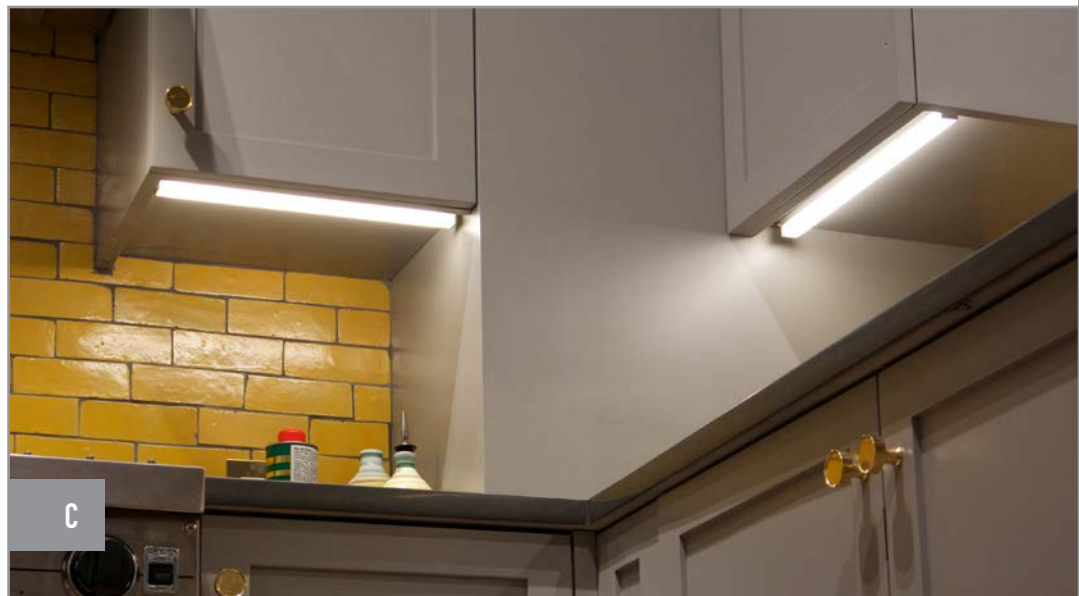
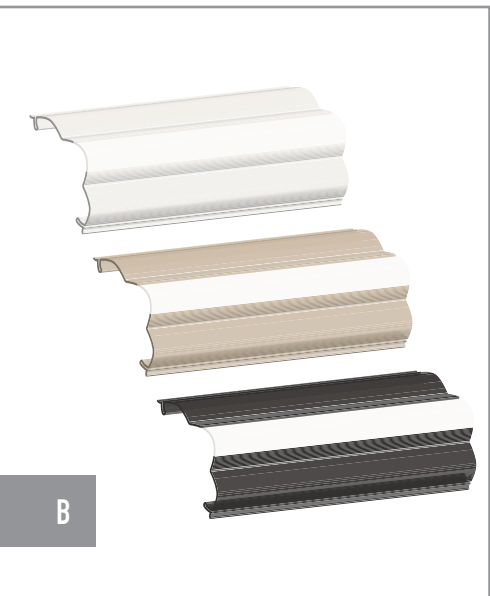
**YOUR NEXT PROJECT
NEEDS A PROFESSIONAL**

877.817.6028

info@DiodeLED.com



Credit: EGL Electric, Inc.



TAILORED FIXTURES

HOW IT WORKS

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

You now have a custom lighting solution that is made to your specifications and ready to install.

TAPE LIGHT MOUNTING CHANNELS

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

- A CHROMAPATH BUILDER CHANNELS**
Build your own lighting fixture
(Page 59)
- B ELEMENT INDOOR & OUTDOOR CHANNELS**
Easily mount your wet location strip light in outdoor or wet locations
(Page 58)
- C CHROMAPATH PREMIUM DIFFUSION COVERS**
No more hotspots or dark areas
(Page 60-63)
- D CHROMAPATH BUNDLE SCONCE**
Create your own upward/downward lighting fixture
(Page 67)

ELEMENT™ CHANNELS

Indoor/Outdoor Strip Light Mounting

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

BLAZE™ Wet Location LED Strip Light (requires adhesive)

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

DAZZLE® RGB Wet Location LED Strip Light

HYDROLUME® Series Strip Light

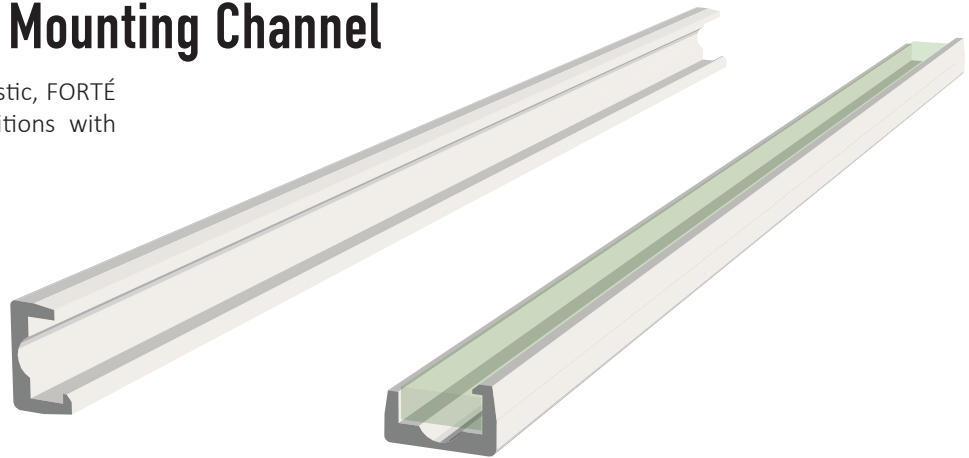
ELEMENT™ FORTÉ Mounting Channel

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

(Pack of 2 channels)

Length - 39.4 in.

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

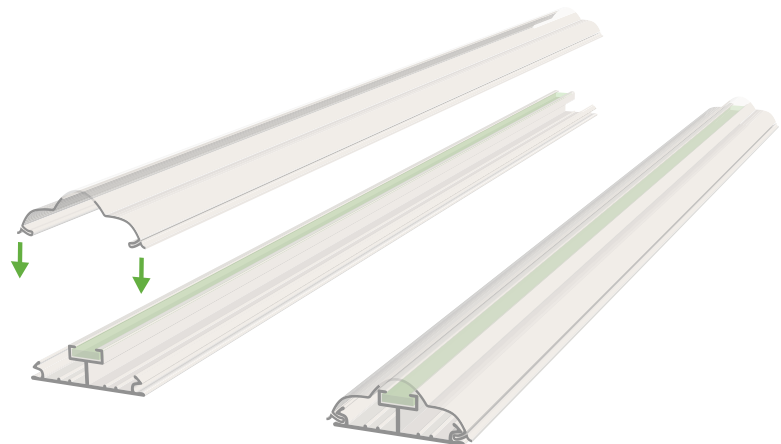
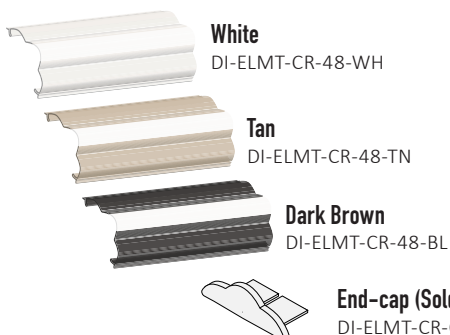


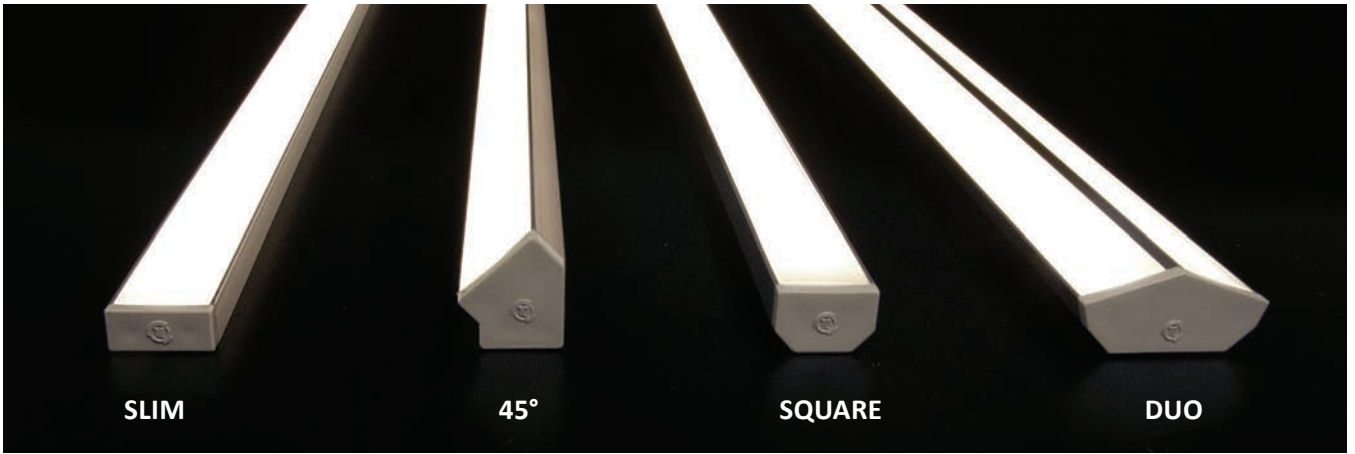
ELEMENT™ CROWN Mounting Channel with Cover

This two-part system includes a mounting channel and cover in three color options for added aesthetics and protection.

(Includes both channel and cover)

Length - 48 in.





CHROMAPATH® BUILDER CHANNELS

ASSEMBLE YOUR FIXTURE THE WAY YOU WANT

PATENTED

FEATURES & BENEFITS

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



GLOSSY WHITE

ALUMINUM

SATIN BLACK

CHROMAPATH BUILDER OVERVIEW

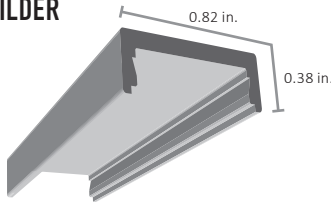
	SLIM	45°	SQUARE	DUO
FINISH				
Aluminum	•	•	•	•
Glossy White	•	•	•	•
Satin Black	•	•	•	•
LENGTH				
48 in.	•	•	•	•
96 in.	•	•	•	
COVER OPTIONS				
Premium Diffusion	•	•	•	
Frosted	•	•	•	•
Clear	•	•	•	•

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

SLIM Channel pictured here.

TAPE LIGHT MOUNTING CHANNELS

CHROMAPATH® BUILDER SLIM

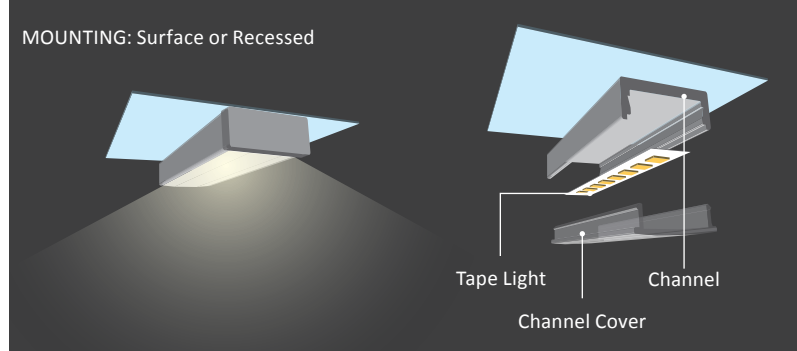


INCLUDES
SLIM channel only

COMPATIBILITY

FLUID VIEW®	DOUBLE BLAZE™	VALENT® X
BLAZE™	VALENT®	AVENUE 24™
ULTRA BLAZE™	VALENT® HD	DAZZLE® RGB(W)

MOUNTING: Surface or Recessed



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-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
5 extra sets

<input type="checkbox"/> SKU ALUMINUM	<input type="checkbox"/> SKU WHITE FINISH	<input checked="" type="checkbox"/> SKU BLACK FINISH
DI-CPEC-SLPD	DI-CPEC-SLPDW	DI-CPEC-SLPDB

STANDARD COVERS FROSTED / CLEAR AND END-CAPS

PRODUCT INFORMATION



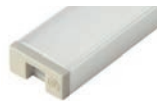
FROSTED COVER:
Protects LED tape light and slightly softens light.
Note: Average warm shift in Kelvin of 35K and average 28% decrease in delivered lumens.



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

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

PRODUCT IMAGE



SLIM Standard End-Cap
5 extra sets

<input type="checkbox"/> SKU ALUMINUM	<input type="checkbox"/> SKU WHITE FINISH	<input checked="" type="checkbox"/> SKU BLACK FINISH
DI-CPEC-SL	DI-CPEC-SLW	DI-CPEC-SLB

MOUNTING OPTIONS

MOUNTING TAPE



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

MAGNETIC MOUNT



SKU	DESCRIPTION
DI-CPCH-MGT	1 pair

MOUNTING U-CLIPS



Includes: Pack of 2 with screws

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

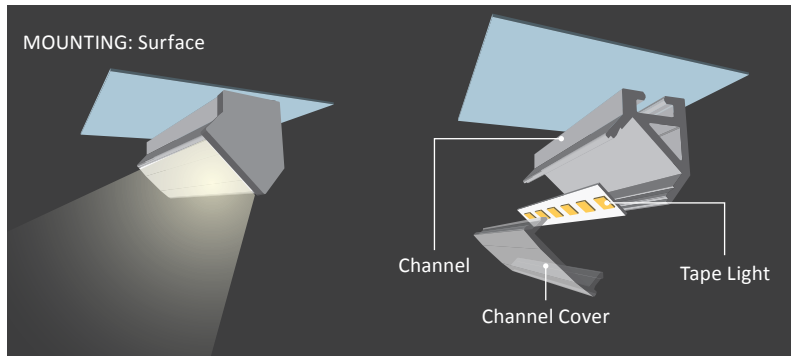
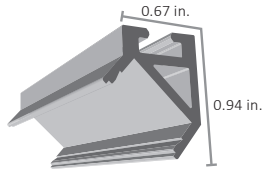
CHROMAPATH® BUILDER 45°

INCLUDES

End-to-end connector plugs & mounting clips

COMPATIBILITY

FLUID VIEW®	DOUBLE BLAZE™	VALENT® X
BLAZE™	VALENT®	AVENUE 24™
ULTRA BLAZE™	VALENT® HD	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	• 4x end-to-end connectors • 2x mounting clips
DI-CPCHA-4548-10	DI-CPCHA-4548W-10	DI-CPCHA-4548B-10	48 in.	Pack of 10	• 2x mounting clips
DI-CPCHA-4596	DI-CPCHA-4596W	DI-CPCHA-4596B	96 in.	Single	• 8x end-to-end connectors • 4x mounting clips
DI-CPCHA-4596-10	DI-CPCHA-4596W-10	DI-CPCHA-4596B-10	96 in.	Pack of 10	• 4x 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



45° Premium Diffusion
End-Cap
5 extra sets

SKU ALUMINUM SKU WHITE FINISH SKU BLACK FINISH

DI-CPEC-45PD DI-CPEC-45PDW DI-CPEC-45PDB

STANDARD COVERS FROSTED / CLEAR AND END-CAPS

PRODUCT INFORMATION



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



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

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

PRODUCT IMAGE



45° Standard
End-Cap
5 extra sets

SKU ALUMINUM SKU WHITE FINISH SKU BLACK FINISH

DI-CPEC-45 DI-CPEC-45W DI-CPEC-45B

MOUNTING OPTIONS

MOUNTING CLIPS



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: Pack of 2 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

TAPE LIGHT MOUNTING CHANNELS

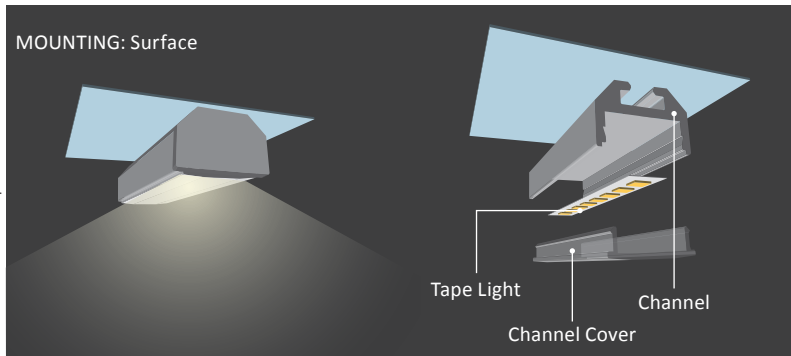
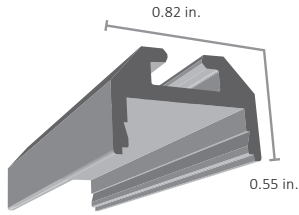
CHROMAPATH® BUILDER SQUARE

INCLUDES

End-to-end connector plugs & mounting clips

COMPATIBILITY

FLUID VIEW®	DOUBLE BLAZE™	VALENT® X
BLAZE™	VALENT®	AVENUE 24™
ULTRA BLAZE™	VALENT® HD	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	•4x end-to-end connectors
DI-CPCHA-SQ48-10	DI-CPCHA-SQ48W-10	DI-CPCHA-SQ48B-10	48 in.	Pack of 10	•2x mounting clips
DI-CPCHA-SQ96	DI-CPCHA-SQ96W	DI-CPCHA-SQ96B	96 in.	Single	•8x end-to-end connectors
DI-CPCHA-SQ96-10	DI-CPCHA-SQ96W-10	DI-CPCHA-SQ96B-10	96 in.	Pack of 10	•4x 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

DI-CPEC-SQPD DI-CPEC-SQPDW DI-CPEC-SQPDB

STANDARD COVERS FROSTED / CLEAR AND END-CAPS

PRODUCT INFORMATION



FROSTED COVER:

Protects LED tape light and slightly softens light.

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



CLEAR COVER:

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

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

PRODUCT IMAGE



SQUARE Standard End-Cap
5 extra sets

DI-CPEC-SQ DI-CPEC-SQW DI-CPEC-SQB

MOUNTING OPTIONS

MOUNTING CLIPS



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

VERTICAL MOUNTING BRACKETS



SKU	DESCRIPTION
DI-1912	Pack of 2

END-TO-END CONNECTOR PLUGS



SKU	DESCRIPTION
DI-1631-10	Pack of 10

ADJUSTABLE ANGLE MOUNTING

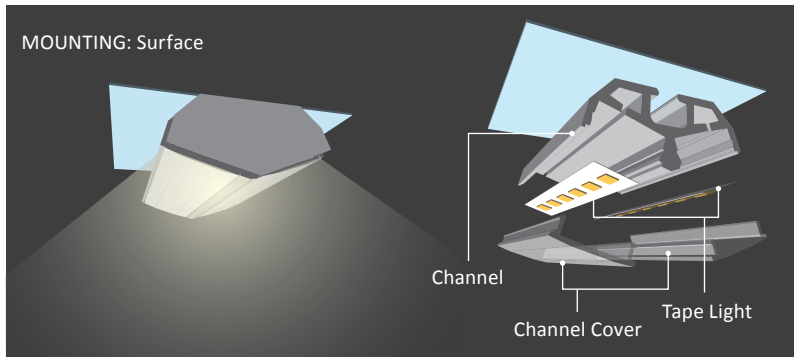
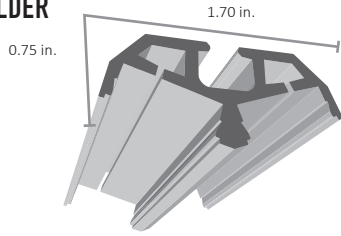
ROTATING MOUNTING CLIPS



Includes: Pair of clips with screws

<input checked="" 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

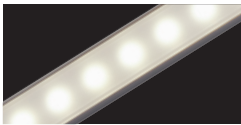
COMPATIBILITY

FLUID VIEW® VALENT®
 BLAZE™ VALENT® HD
 ULTRA BLAZE™ AVENUE 24™
 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-DU48	DI-CPCHA-DU48W	DI-CPCHA-DU48B	48 in.	Single	• 4x end-to-end connectors
DI-CPCHA-DU48-10	DI-CPCHA-DU48W-10	DI-CPCHA-DU48B-10	48 in.	Pack of 10	• 2x mounting clips

CLEAR AND FROSTED COVERS



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



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

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

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

MOUNTING OPTIONS

MOUNTING CLIPS



VERTICAL MOUNTING BRACKETS



END-TO-END CONNECTOR PLUGS



ADJUSTABLE ANGLE MOUNTING

ROTATING MOUNTING CLIPS

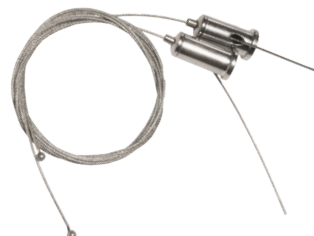


Includes: Pack of 2 with screws

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

CHROMAPATH BUILDER HANGING HARDWARE

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



Compatible with DUO, 45° & SQUARE channels only

PACKAGED CHANNELS READY TO LOAD

CHROMAPATH® CHANNEL BUNDLES

- EASY TO INSTALL
- LED TAPE LIGHT READY
- COMPLETE WITH ACCESSORIES
- STYLES FOR ANY APPLICATION

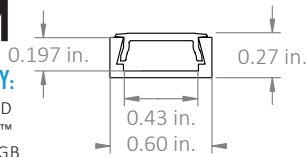


NOTE: CHROMAPATH Bundles are **not** interchangeable with each other **nor** compatible with CHROMAPATH Builder channels.

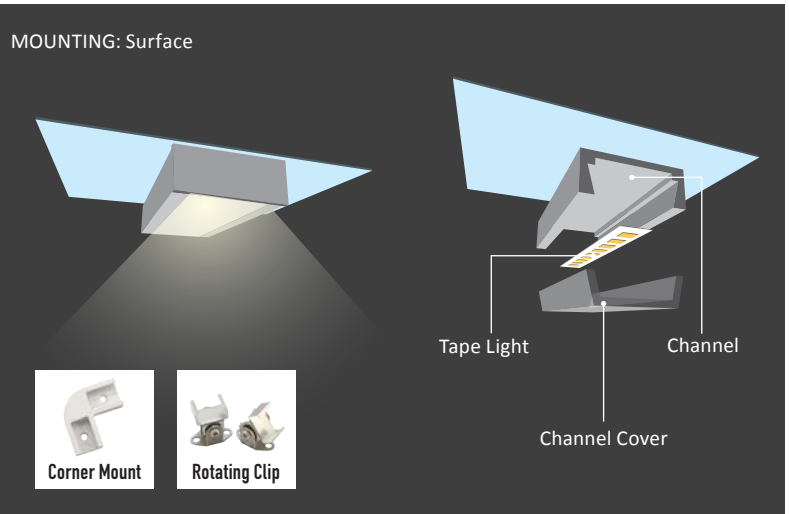
CHROMAPATH® BUNDLE ULTRA SLIM

TAPE LIGHT COMPATIBILITY:

FLUID VIEW® VALENT® HD
BLAZE™ AVENUE 24™
ULTRA BLAZE™ DAZZLE® RGB
VALENT®



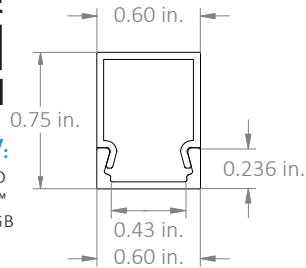
SKU	PRODUCT INCLUDES
DI-CPCHB-USL-48	<ul style="list-style-type: none"> 48 in. channel & frosted cover End caps Mounting hardware
DI-CPCHB-USL-ACC	<ul style="list-style-type: none"> 2x end-cap sets 2x mounting hardware
DI-CPCHB-USL-CM	<ul style="list-style-type: none"> Corner mount
DI-CPCHB-USL-RC	<ul style="list-style-type: none"> 2x Rotating clip



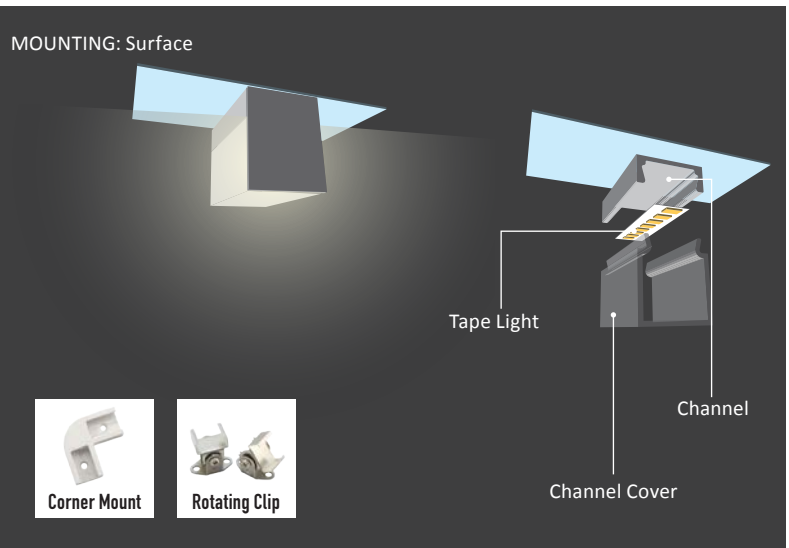
CHROMAPATH® BUNDLE ULTRA SLIM PREMIUM DIFFUSION

TAPE LIGHT COMPATIBILITY:

FLUID VIEW® VALENT® HD
BLAZE™ AVENUE 24™
ULTRA BLAZE™ DAZZLE® RGB
VALENT®



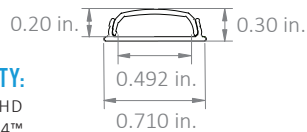
SKU	PRODUCT INCLUDES
DI-CPCHB-USPD-48	<ul style="list-style-type: none"> 48 in. channel & frosted cover End caps Mounting hardware
DI-CPCHB-USPD-ACC	<ul style="list-style-type: none"> 2x end-cap sets 2x mounting hardware
DI-CPCHB-USL-CM	<ul style="list-style-type: none"> Corner mount
DI-CPCHB-USL-RC	<ul style="list-style-type: none"> 2x Rotating clip



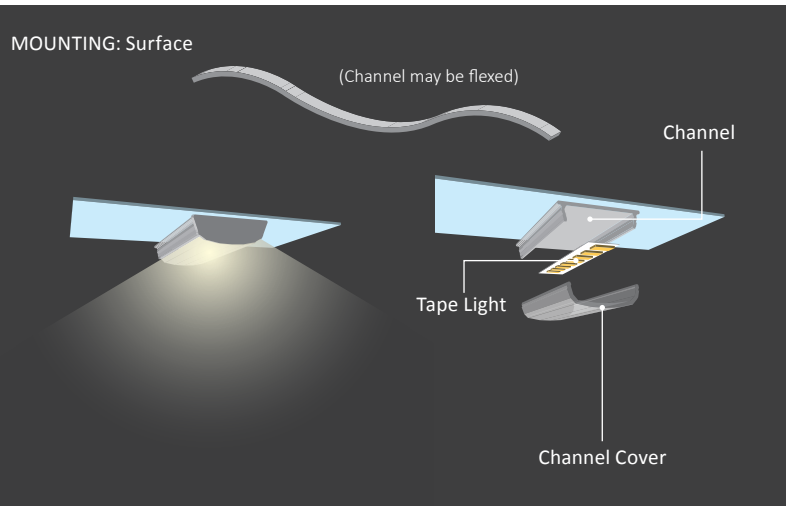
CHROMAPATH® BUNDLE WAVEFORM

TAPE LIGHT COMPATIBILITY:

FLUID VIEW® VALENT® HD
BLAZE™ AVENUE 24™
ULTRA BLAZE™ DAZZLE® RGB
VALENT®



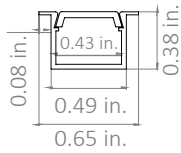
SKU	PRODUCT INCLUDES
DI-CPCHB-WF-48	<ul style="list-style-type: none"> 48 in. channel & frosted cover End-caps Mounting hardware
DI-CPCHB-WF-ACC	<ul style="list-style-type: none"> 2x end-cap sets 4x mounting clips



TAPE LIGHT MOUNTING CHANNELS

NOTE: **CHROMAPATH Bundles** are **not** interchangeable with each other **nor** compatible with **CHROMAPATH Builder** channels.

CHROMAPATH® BUNDLE SLIM RECESSED

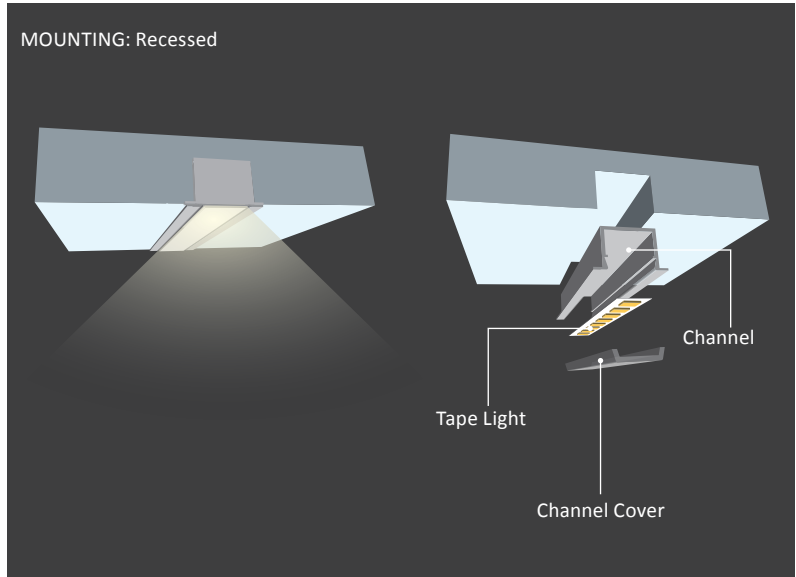


TAPE LIGHT COMPATIBILITY:

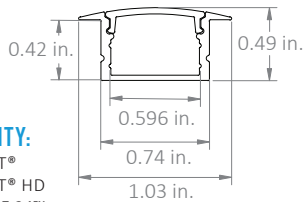
FLUID VIEW®	VALENT®
BLAZE™	VALENT® HD
ULTRA	AVENUE 24™
BLAZE™	DAZZLE® RGB

SKU	OPTION	INCLUDES
DI-CPCHA-SLR48	48 in. Bundle	<ul style="list-style-type: none"> 48 in. channel Frosted cover End cap bundle
DI-CPCHA-SLR96	96 in. Bundle	<ul style="list-style-type: none"> 96 in. channel Frosted cover End cap bundle
DI-CPEC-SLR-3	Additional End Cap Bundles	<ul style="list-style-type: none"> 3x end-cap sets

MOUNTING: Recessed



CHROMAPATH® BUNDLE RECESSED

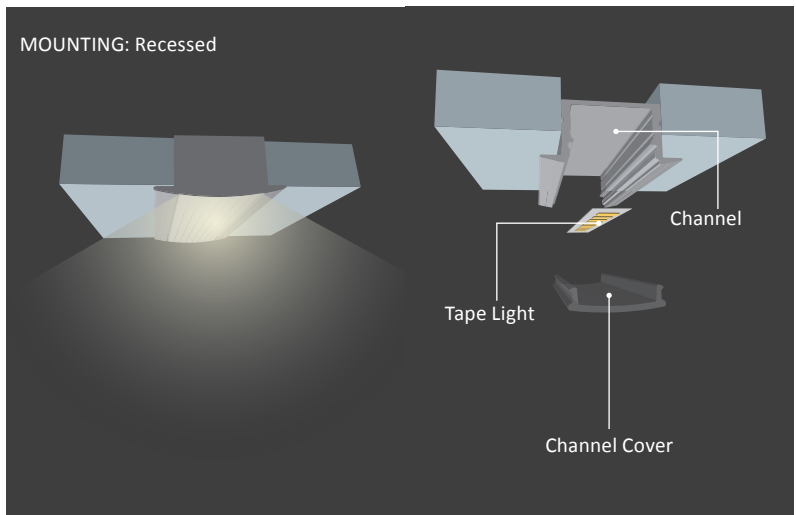


TAPE LIGHT COMPATIBILITY:

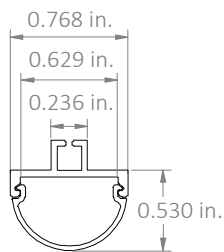
FLUID VIEW®	VALENT®
BLAZE™	VALENT® HD
ULTRA BLAZE™	AVENUE 24™
DOUBLE BLAZE™	DAZZLE® RGB(W)

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

MOUNTING: Recessed



CHROMAPATH® BUNDLE DOME

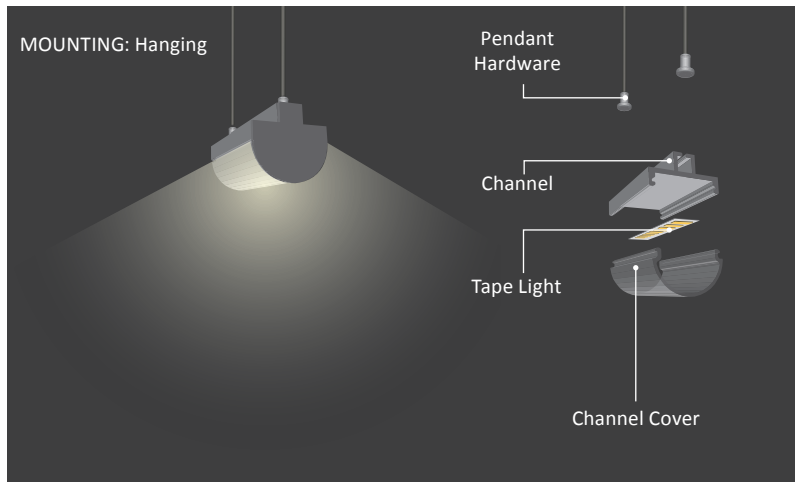


TAPE LIGHT COMPATIBILITY:

FLUID VIEW®	VALENT®
BLAZE™	VALENT® HD
ULTRA BLAZE™	AVENUE 24™
DOUBLE BLAZE™	DAZZLE® RGB(W)

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

MOUNTING: Hanging

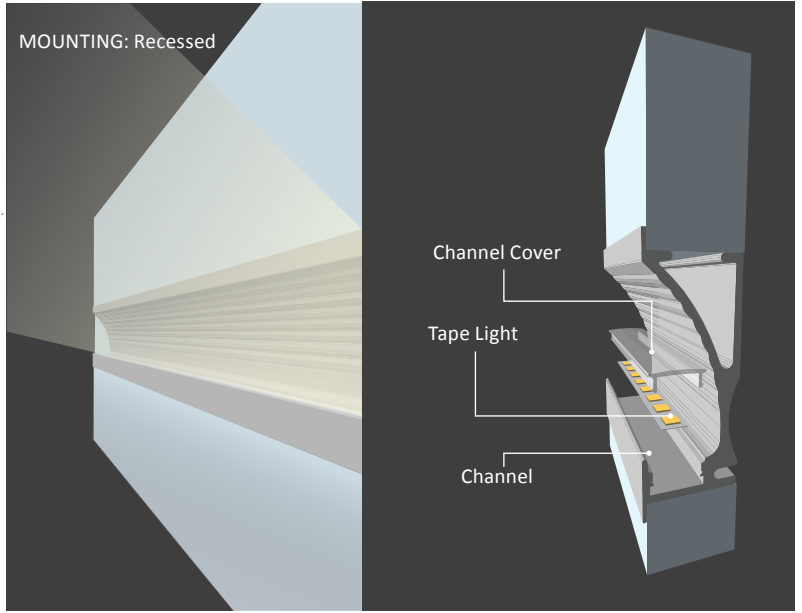
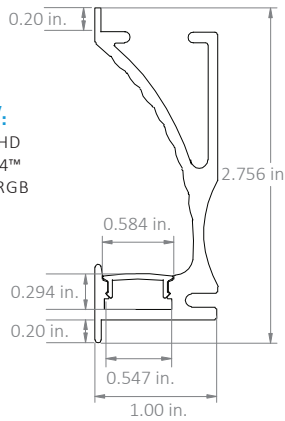


NOTE: CHROMAPATH Bundles are **not** interchangeable with each other **nor** compatible with CHROMAPATH Builder channels.

CHROMAPATH® BUNDLE REFLECTOR

TAPE LIGHT COMPATIBILITY:

FLUID VIEW® VALENT® HD
 BLAZE™ AVENUE 24™
 ULTRA BLAZE™ DAZZLE® RGB
 VALENT®

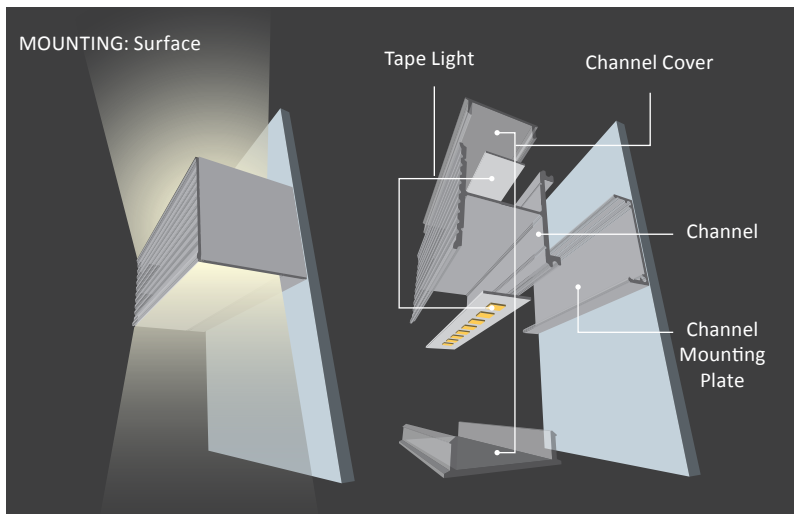
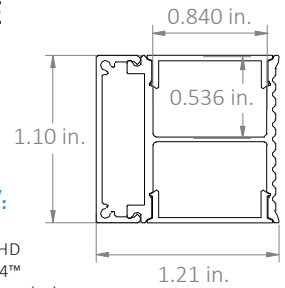


SKU	PRODUCT INCLUDES
DI-CPCHB-RFCTR-48	<ul style="list-style-type: none"> • 48 in. channel & frosted cover • End caps
DI-CPCHB-RFCTR-ACC	<ul style="list-style-type: none"> • 2x end-cap sets

CHROMAPATH® BUNDLE SCONCE

TAPE LIGHT COMPATIBILITY:

FLUID VIEW® VALENT®
 BLAZE™ VALENT® HD
 ULTRA BLAZE™ AVENUE 24™
 DOUBLE BLAZE™ DAZZLE® RGB(W)

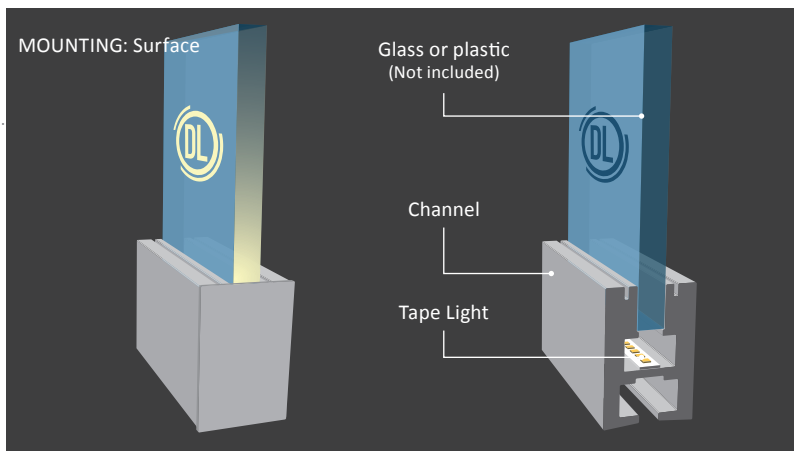
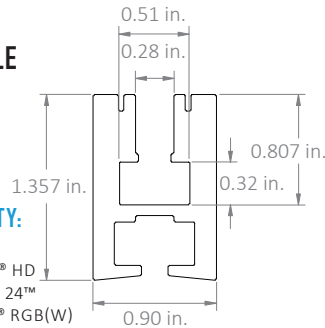


SKU	PRODUCT INCLUDES
DI-CPCHB-SCNC-48	<ul style="list-style-type: none"> • 48 in. channel & frosted cover • End caps • Mounting hardware
DI-CPCHB-SCNC-ACC	<ul style="list-style-type: none"> • 2x end-cap sets

CHROMAPATH® BUNDLE EDGE-LIT

TAPE LIGHT COMPATIBILITY:

FLUID VIEW® VALENT® HD
 BLAZE™ AVENUE 24™
 ULTRA BLAZE™ DAZZLE® RGB(W)
 VALENT®

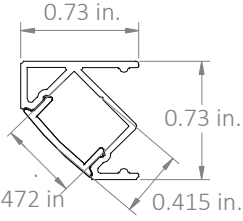


SKU	PRODUCT INCLUDES
DI-CPCHB-EGLT-48	<ul style="list-style-type: none"> • 48 in. channel only • End caps
DI-CPCHB-EGLT-ACC	<ul style="list-style-type: none"> • 2x end-cap sets

TAPE LIGHT MOUNTING CHANNELS

NOTE: **CHROMAPATH Bundles** are **not** interchangeable with each other **nor** compatible with **CHROMAPATH Builder** channels.

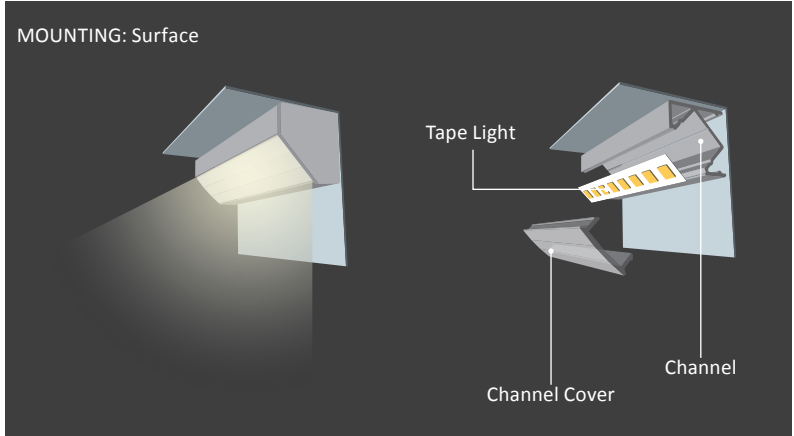
CHROMAPATH® BUNDLE 45° DECO



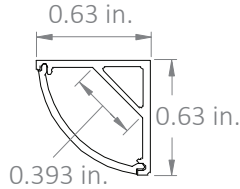
TAPE LIGHT COMPATIBILITY:

FLUID VIEW® VALENT® HD
BLAZE™ AVENUE 24™
ULTRA BLAZE™ DAZZLE® RGB
VAI FNT®

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



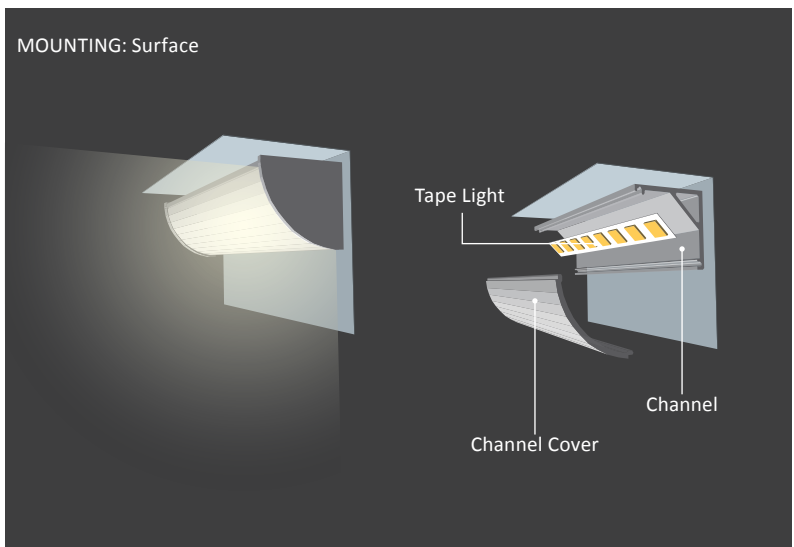
CHROMAPATH® BUNDLE 10mm ROUNDED CORNER



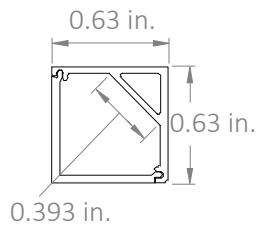
TAPE LIGHT COMPATIBILITY:

FLUID VIEW® VALENT® HD
BLAZE™ AVENUE 24™
ULTRA BLAZE™ DAZZLE® RGB
VALENT®

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



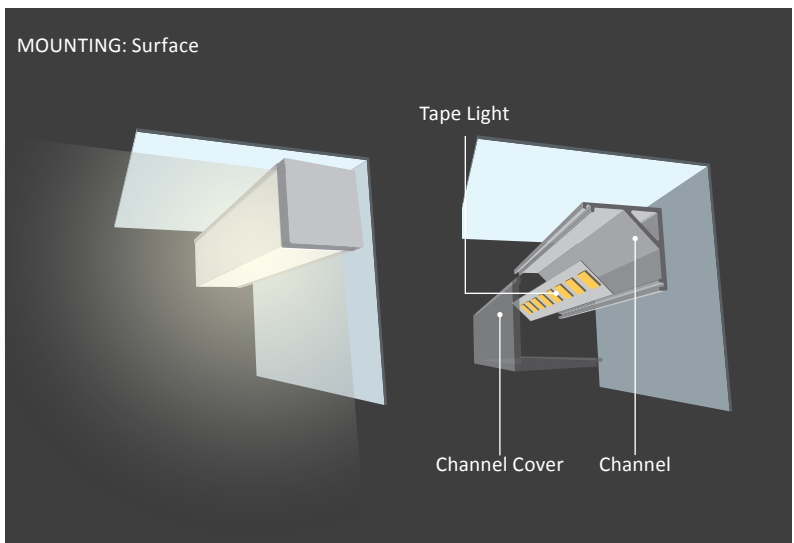
CHROMAPATH® BUNDLE 10mm SQUARE CORNER



TAPE LIGHT COMPATIBILITY:

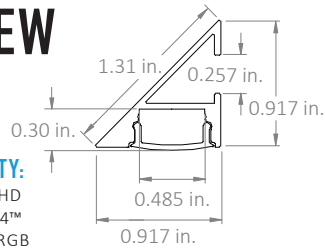
FLUID VIEW® VALENT® HD
BLAZE™ AVENUE 24™
ULTRA BLAZE™ DAZZLE® RGB
VALENT®

SKU	PRODUCT INCLUDES
DI-CPCHB-SQC10-48	<ul style="list-style-type: none"> • 48 in. channel & frosted cover • End-caps • Mounting hardware
DI-CPCHB-SQC10-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.

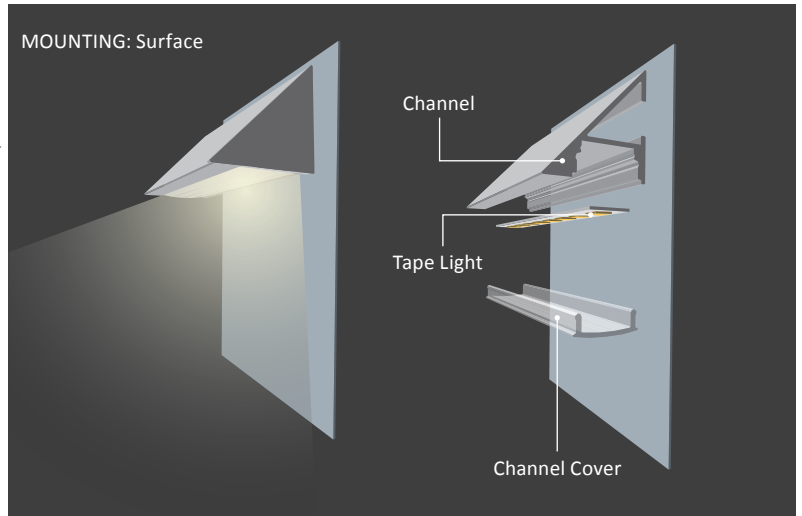
CHROMAPATH® BUNDLE 90° SIDEVIEW



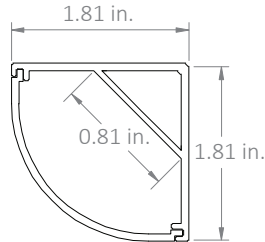
TAPE LIGHT COMPATIBILITY:

FLUID VIEW® VALENT® HD
BLAZE™ AVENUE 24™
ULTRA BLAZE™ DAZZLE® RGB
VALENT®

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



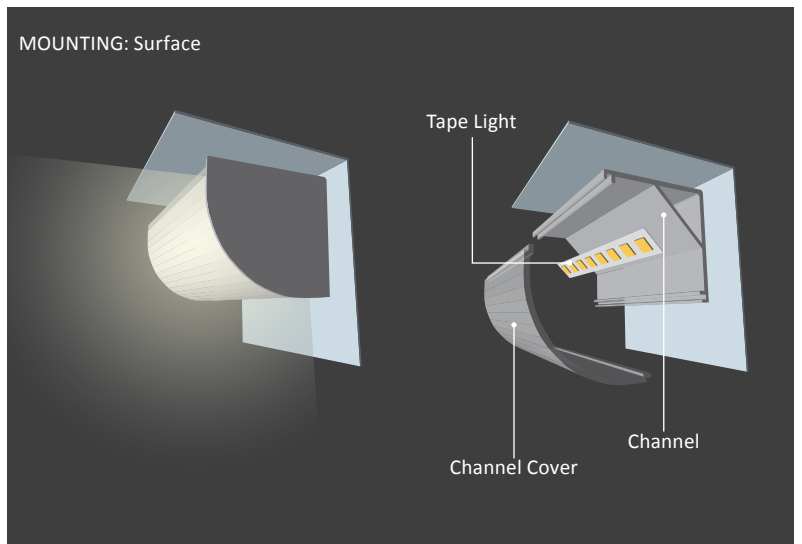
CHROMAPATH® BUNDLE 20mm ROUNDED CORNER



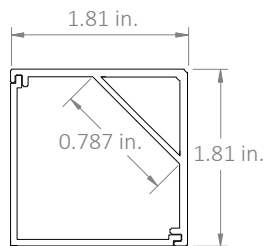
TAPE LIGHT COMPATIBILITY:

FLUID VIEW® VALENT®
BLAZE™ VALENT® HD
ULTRA BLAZE™ AVENUE 24™
DOUBLE BLAZE™ DAZZLE® RGB(W)

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



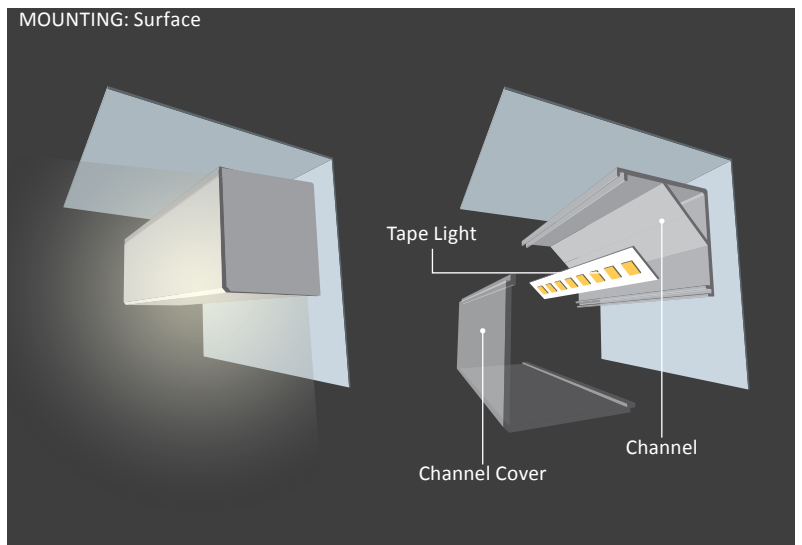
CHROMAPATH® BUNDLE 20mm SQUARE CORNER



TAPE LIGHT COMPATIBILITY:

FLUID VIEW® VALENT®
BLAZE™ VALENT® HD
ULTRA BLAZE™ AVENUE 24™
DOUBLE BLAZE™ DAZZLE® RGB(W)

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

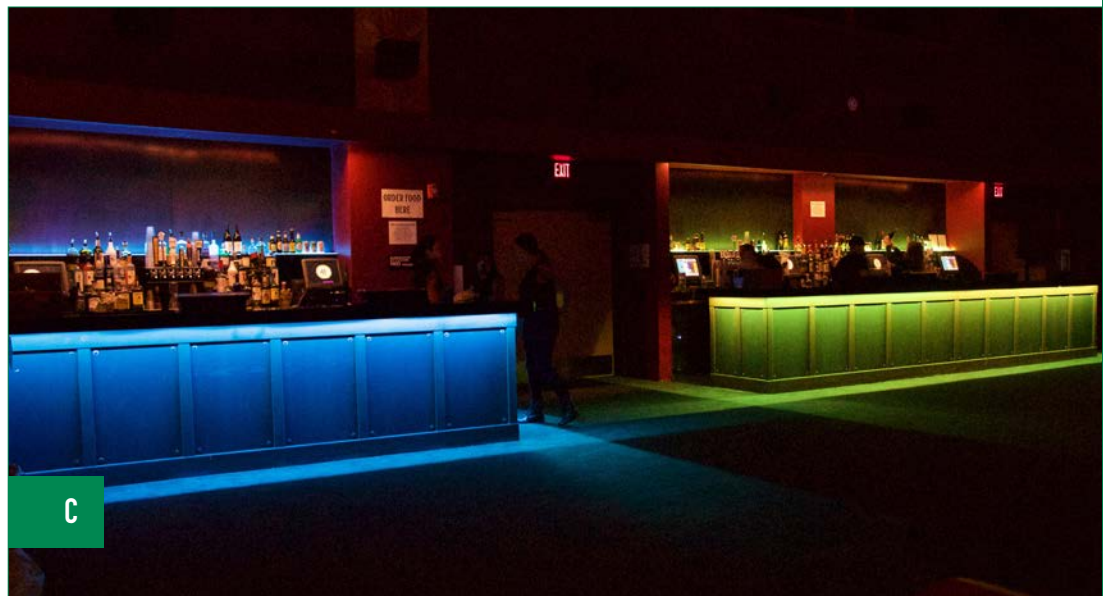




A



B



C



D



COLOR CHANGING LIGHT & COLOR CONTROLLERS

Diode LED's color controllers offer the capability of changing color pattern, speed and brightness level to light your space just the way you want with intuitive and easy-to-use controls.

A DAZZLE ACCENT COLOR CHANGING LIGHTING SYSTEM

The ultimate outdoor lighting system
(Page 84)

B RGB CONTROL

Control a single or multiple zone of color changing lighting
(Page 84)

C DMX CONTROL

Control large scale lighting systems from one controller
(Page 82)

D RGBW 4D COLOR CHANGING LED TAPE LIGHT

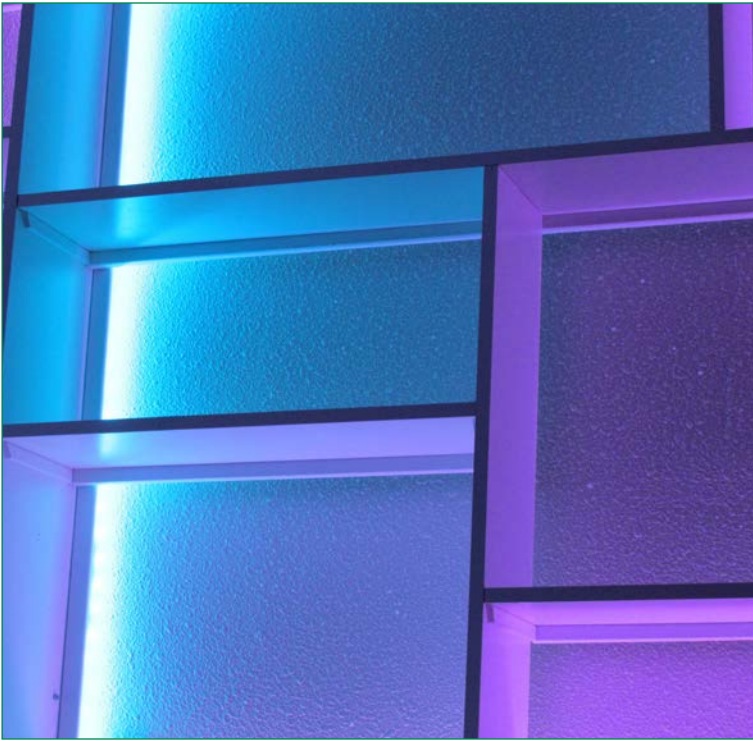
The greatest color range available is at your fingertips
(Page 76)

E DAZZLE 24® RGB TAPE LIGHT

Our best selling color-changing light is still making a big impact
(Page 72)

ACTUAL SIZE

DAZZLE 24[®] 24V RGB LED Tape Light



FEATURES & BENEFITS

- 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.



ACCESSORIES FOR FOR THESE PRODUCTS ON PAGE 80

SKU	CCT	CRI	LUMENS / FT.	LENGTH
DI-24V-DRGB-0016	 RGB	N/A	160	16.4 ft. spool
DI-24V-DRGB-0100	 RGB	N/A	160	100 ft. spool



Compatible with multiple mounting channels options.
See the MOUNTING CHANNEL section for details.

Page 59

DAZZLE 24® 24V Wet Location RGB LED Strip Light

ACTUAL SIZE



FEATURES & BENEFITS

- Indoor or outdoor
- 16 million color combinations
- 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.



ACCESSORIES FOR FOR THESE PRODUCTS BELOW

SKU	CCT	CRI	LUMENS / FT.	LENGTH
DI-24V-DRGB-W016	RGB	N/A	160	16.4 ft. spool

Wet Location RGB Connector & Accessories

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

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

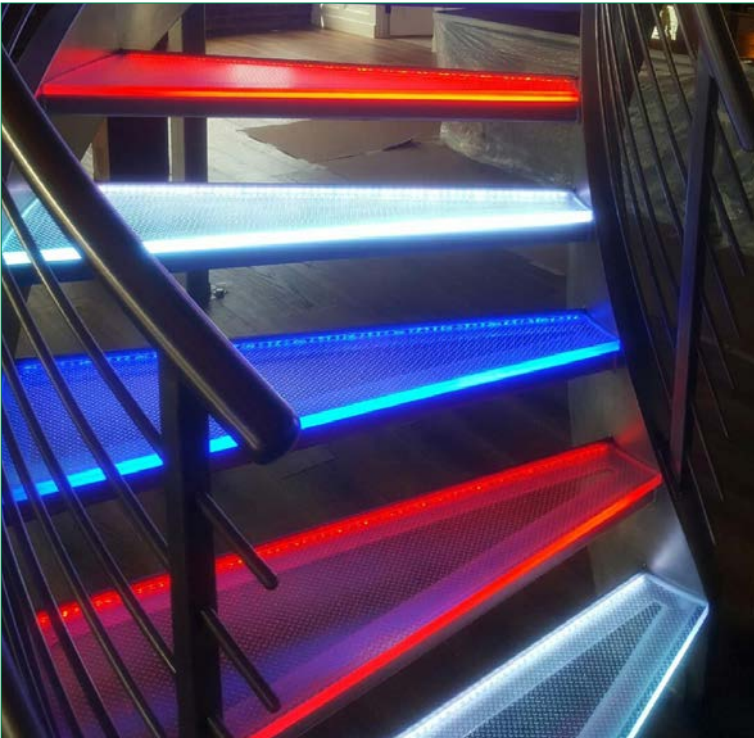
SKU	DESCRIPTION
DI-WPSL	One tube of sealant





Credit: Robert Kurt - Cedar Rapids

DAZZLE 24® 24V RGBW LED Tape 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.



ACTUAL SIZE

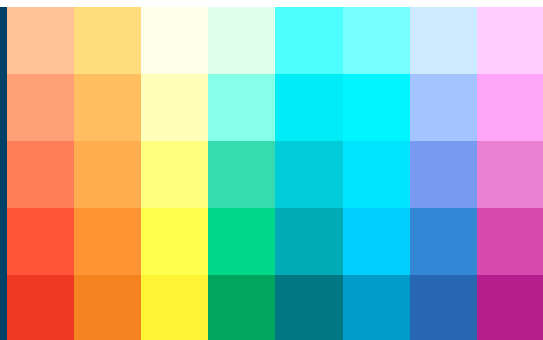


ACCESSORIES FOR FOR THESE PRODUCTS ON PAGE 80

SKU	CCT	CRI	LUMENS / FT.	LENGTH
DI-24V-RGBW-0020	RGBW	RGB: NA 3000K: 82.3	198 max	20 ft. spool
	3000K			
DI-24V-RGBW-0100	RGBW	RGB: NA 3000K: 82.3	198 max	100 ft. spool
	3000K			

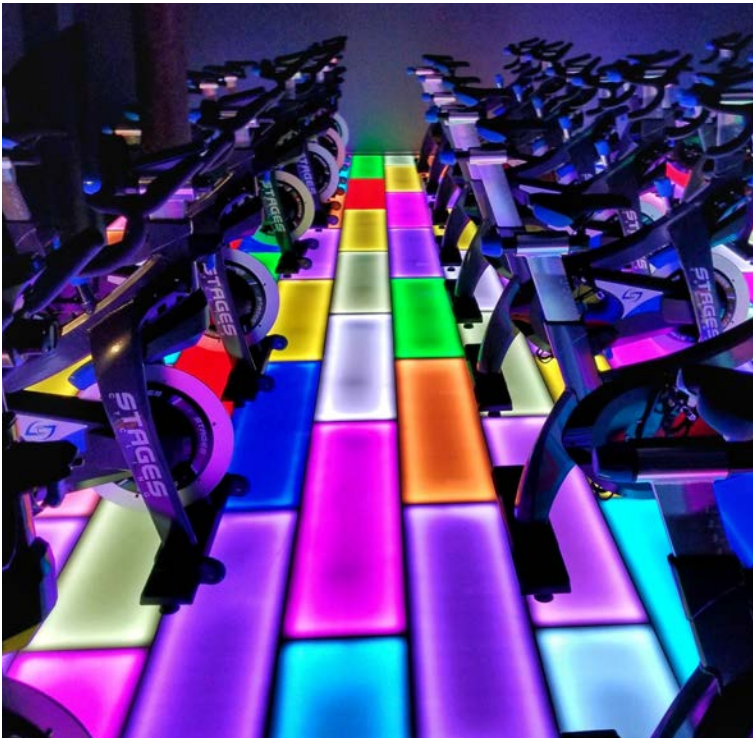
ABOUT RGBW LIGHTING

The alternating white light and color-changing chips work together to broaden the spectrum of light. While red, green and blue light mix your standard colors, white light maximizes general brightness and adds the ability to generate pastels. Expand your color range with RGBW.



ACTUAL SIZE

DAZZLE 24® 24V RGBW 4D LED Tape Light



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.



ACCESSORIES FOR FOR THESE PRODUCTS ON PAGE 80

SKU	CCT	CRI	LUMENS / FT.	LENGTH
DI-24V-RGBW4-0016	 RGBW	RGB: NA 2700k: 81	274	16.4 ft. Spool
	 2700K			

DAZZLE RGBW 4D!

The Four Ds of DAZZLE RGBW 4D

- DENSITY** - Tighter LED population for the brightest output
- DIFFUSION** - Compatible with CHROMAPATH Premium Diffusion Covers
- DISTRIBUTION** - The best light distribution of any RGBW product available
- DYNAMICS** - Best color-mixing for exact color-matching

ACTUAL SIZE

DAZZLE 24[®] 24V RGBW 4D Wet Location LED Strip Light



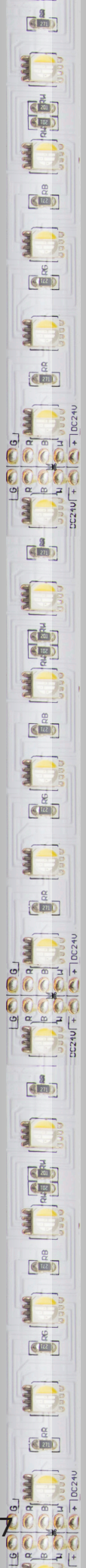
FEATURES & BENEFITS

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

QUICK SPECS

Voltage	24VDC
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.



ACCESSORIES FOR FOR THESE PRODUCTS ON PAGE 80

SKU	CCT	CRI	LUMENS / FT.	LENGTH
DI-24V-RGBW4-W016	RGBW 3000K	RGB: NA 3000k: 81	239	16.4 ft. Spool

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, 1 x splice cable pair (M/F)	DI-RGBW-WACY
	Silicone Sealant (1 tube)	DI-WPSL



HYDROLUME® SLIM

Submersible, Color-changing
LED Illumination

HYDROLUME® SLIM Color Changing LED Strip Light is new to the HYDROLUME family, offering many of the same unique characteristics of original HYDROLUME like chemical resistance, and UV protection; now with color changing LEDs. What sets it apart is the pre-fabricated IP68 construction that is installation-ready with 12 feet of lead-wire.

QUICK SPECS

Voltage	24VDC
Wattage	6.4W / ft.
Max. Run	16.4 ft.
Certification	UL Listed 2108

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





UL Listed and Fully Submersible

Factory Sealed, In-Stock, and Ready to Install

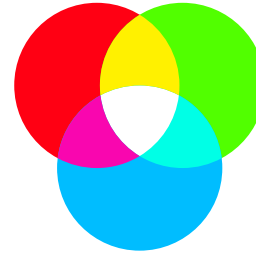
Choose from any of the pre fabricated sections for a install-ready color changing solution.

UV and Chemical Resistance

Carried over from previous generation, and ideal for both indoor and outdoor commercial usages.





Slimmer Profile

Allowing for infinite applications with little restriction of space.



HYDROLUME® RGB Color Changing Strip Light

(All options come with a 12 ft. leadwire)

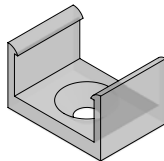
SKU	CCT	LUMENS / FT.	ENVIRONMENT	LENGTH
DI-24V-HLS-RGB0.5	 RGB	64 Max.	IP68	0.5 m (1.64 ft)
DI-24V-HLS-RGB1.5	 RGB	64 Max.	IP68	1.5 m (4.9 ft.)
DI-24V-HLS-RGB03	 RGB	64 Max.	IP68	3 m (9.84 ft)
DI-24V-HLS-RGB05	 RGB	64 Max.	IP68	5 m (16.4 ft.)

HYDROLUME® RGB Strip Light Mounting Accessories

HYDROLUME Mounting Bracket

(Pack of ten)

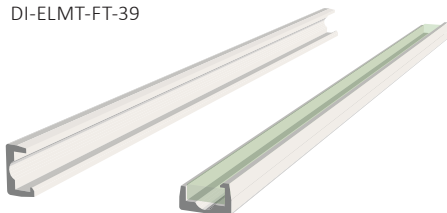
DI-HL-MTBR



ELEMENT FORTÉ Mounting Channels

(Pack of two)

DI-ELMT-FT-39

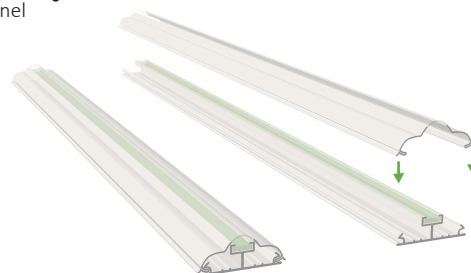


ELEMENT CROWN Mounting Channels

(Includes both channel

and cover)

Length - 48 in.



White

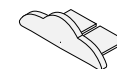
DI-ELMT-CR-48-WH

Tan

DI-ELMT-CR-48-TN

Dark Brown

DI-ELMT-CR-48-BL



End-cap (Sold in Pairs)

DI-ELMT-CR-CLEARENDCAP

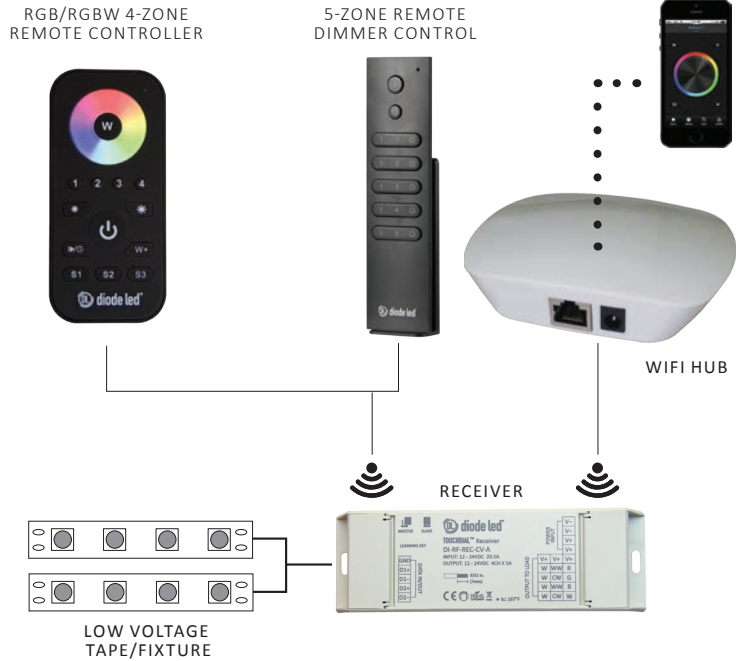
CLICKTIGHT® Color Changing Tape Light Accessories

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

96W on 24V circuits

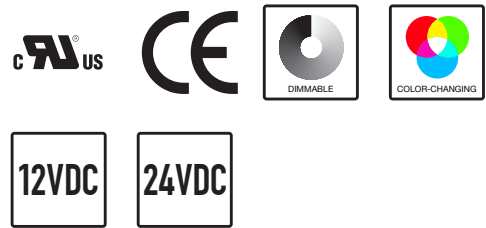
PRODUCT	SKU (SINGLE UNITS)	SKU (PACK OF 5)	SKU (PACK OF 25)	LENGTH	LED TAPE LIGHT COMPATIBILITY	
					DAZZLE® RGB	DAZZLE® RGBW
 <p>CLICKTIGHT TAPE LINK CONNECTOR</p>	DI-0895	DI-0895-5	DI-0895-25	N/A	●	
	DI-RGBW-CKT-LNK	DI-RGBW-CKT-LNK-5	DI-RGBW-CKT-LNK-25	N/A		●
 <p>CLICKTIGHT SPLICE CONNECTOR</p>	DI-0885	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.		●

TOUCHDIAL™ LED Control System



FEATURES & BENEFITS

- For medium and large-scale LED lighting installations
- Integrates with existing WiFi network with WiFi Hub
- Supports **iOS** and **Android** mobile devices
- Control of up to 8 lighting zones
- Modular system design



SEE PAGE 136 FOR COMPLETE ACCESSORIES FOR THIS SYSTEM.

ATTRIBUTE™ Color Controller



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	TYPE
DI-ATT-RGBW-REM	ATTRIBUTE RGB(W) Receiver and Remote Controller

DMX CONTROL & CONNECTION



CONTROL

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



CONNECT

For a complete selection of DMX connectors for connecting to low-voltage lighting visit the website. www.DiodeLED.com.



EXPAND

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

Featuring the Brand New

DMX DECODER + 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.

See specifications on **page 170**

QUICK SPECS

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

* See specification sheet for power guidelines.

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



More DMX accessories can be viewed at www.DiodeLED.com

DMX LED Controller Models

DMX accessories can be found online at www.DiodeLED.com



DMX Wall Mount Controller



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

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

FEATURES & BENEFITS

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



Nicolaudie® STICK-KE1 DMX LED Controller



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

SKU	WIFI	DIMENSIONS
DI-DMX-ST1	Router required	6.61 x 5.03 x 0.50 in.

FEATURES & BENEFITS

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



Nicolaudie® STICK-GA2 DMX LED Controller



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

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

FEATURES & BENEFITS

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



Nicolaudie® STICK-DE3 DMX LED Controller



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

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

FEATURES & BENEFITS

- IOS & Android compatible
- Software programmable
- Calendar function



Nicolaudie® SLESA-U9 DMX LED Color Controller

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

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

FEATURES & BENEFITS

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





DAZZLE® ACCENT

Colored Lighting System

Powered by Inception Lighting

The DAZZLE® ACCENT Lighting System is a complete lighting system that includes long-life outdoor lighting and a dedicated control system capable of operating over 400 ft. of strip. Designed for architectural installations with a weather resistant vinyl channel system, DAZZLE ACCENT delivers full-color or white-light illumination at the touch of a button. DAZZLE ACCENT includes a user -friendly controller that is perfect for anyone who wants simple, full color control at their fingertips

- Commercial businesses
- Office parks
- Municipal buildings
- Residential
- Schools
- Parks and public spaces



Over 400 feet of vibrant color changing lighting, all controlled from a single, easy to use controller.

DAZZLE® ACCENT
SPECIALLY QUOTED BY
THE DIODE LED
**SPECIFICATIONS
& PROJECT
SUPPORT TEAM**

**YOUR NEXT PROJECT
NEEDS A PROFESSIONAL**

877.817.6028

info@DiodeLED.com



ETERNALUX™

50 Year
Warranty

A



B



C



D





LOW VOLTAGE LED FIXTURES

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

- A ETERNALUX®**
Long-life with superior color
(Page 88)

- B SPOTMOD® WET LOCATION
LED LIGHT MODULES**
Indoor and outdoor durability
(Page 98)

- C EMERY™ ENSEMBLE**
Stylish and adjustable suspended
lighting
(Page 100)

- D TRU-LINK™ LINKABLE
LED LIGHT BARS**
Continuous lighting with *Zero Line
Diffusion™*
(Page 91)

- E SPOTMOD® SLIK
LED PANEL LIGHT**
Slim and modern light panels in a
variety of shapes and sizes
(Page 92)

Light it. Leave it. Love it.™

ETERNALUX™

Your Forever Light

50 Year
Warranty

Longest Life LED Fixture

LED lighting that will pass the test of time. ETERNALUX LED light bars are the most advanced LED light bars on the market for any application. Built with an industrial grade aluminum housing with Zero Line Diffusion™ lenses for anti-glare and undistorted light emissions, these light bars are engineered with the latest generation of LED light engines capable of lasting 50 years— an industry first!

The secret to the LED light engines' generational life expectancy is the remote phosphor built into the Zero Line Diffusion lenses, unlike traditional LEDs when the phosphor is baked into the diodes. This unique patented design around heat management eliminates the number one reason for premature failure of LEDs - heat, all while providing consistent true to life color rendering and a lifetime of performance.

QUICK SPECS

Voltage	24VDC
CCT	2700K, 3000K, 3500K
Lengths	6 in., 12 in., 24 in., 48 in.
Dimming	Dimmable
Environment	Indoor



PATENTED



ETERNALUX™ 24V LED Light Bar



ETERNALUX illumination surface is white in the off-state.

SKU	LENGTH	CCT	CRI	LUMENS / FIXTURE	WATTAGE / FIXTURE	
DI-24V-ELX27-06	6 in.		2700K	90+	93	3.15W
DI-24V-ELX27-12	12 in.		2700K	90+	185	6.3W
DI-24V-ELX27-24	24 in.		2700K	90+	370	12W
DI-24V-ELX27-48	48 in.		2700K	90+	740	24W
DI-24V-ELX30-06	6 in.		3000K	90+	100	3.15W
DI-24V-ELX30-12	12 in.		3000K	90+	200	6.3W
DI-24V-ELX30-24	24 in.		3000K	90+	400	12W
DI-24V-ELX30-48	48 in.		3000K	90+	800	24W
DI-24V-ELX35-06	6 in.		3500K	90+	103	3.15W
DI-24V-ELX35-12	12 in.		3500K	90+	205	6.3W
DI-24V-ELX35-24	24 in.		3500K	90+	410	12W
DI-24V-ELX35-48	48 in.		3500K	90+	820	24W
DI-ELX-MTCL-2	ETERNALUX Mounting Clip, 1 pair with mounting screws					

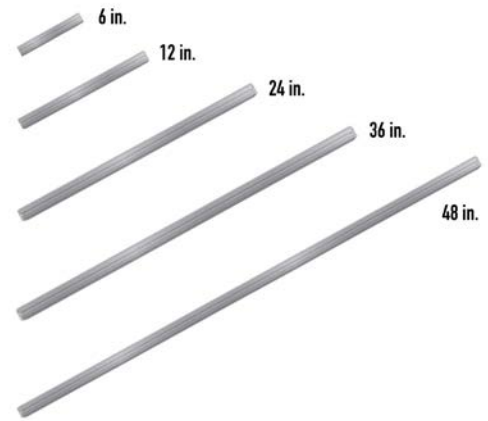
ZERO LINE DIFFUSION™

Longevity aside, uniformity is the center of this technology. Elimination of LED hot spots reduce glare and enhance the lighting opportunities found in applications like cabinetry, work stations, or displays. ETERNALUX technology uses optical beam shaping as well as color transformation to bring the best color rendering and even light distribution.

PHOTOMETRIC TESTING COMPARISON

ETERNALUX lighting-
10% deminishment after 400,000 hrs

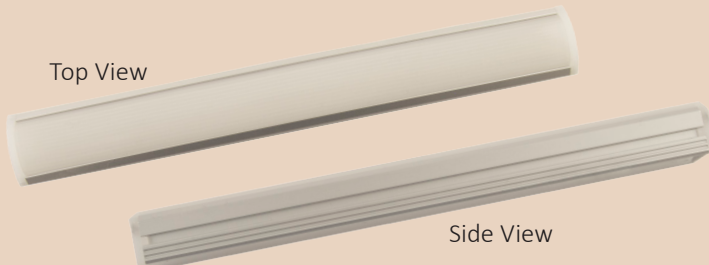
Typical LED Lighting-
50% deminishment after 50,000 hrs



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.



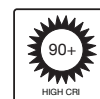
FEATURES & BENEFITS

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

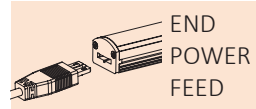
QUICK SPECS

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



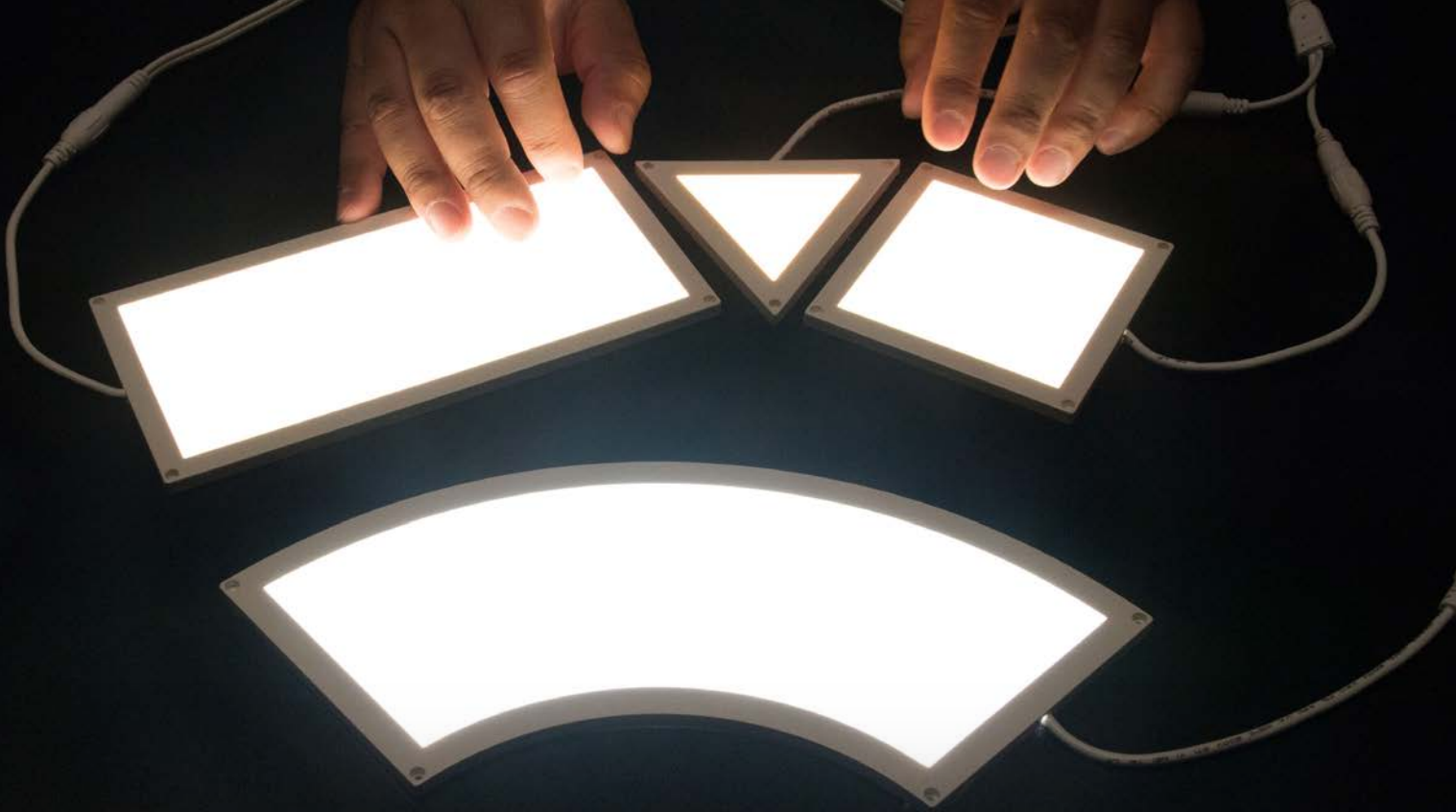
SKU	FIXTURE COLOR	POWER FEED	LENGTH	CCT	LUMENS / FIXTURE
DI-24V-TR30-6-BL	Black	End Power Feed	6 in.	3000K	150
DI-24V-TR30-6-SV	Silver				
DI-24V-TR30-12-BL	Black	End Power Feed	12 in.	3000K	320
DI-24V-TR30-12-SV	Silver				
DI-24V-TR30SF-12-BL	Black	Side Power Feed	12 in.	3000K	320
DI-24V-TR30SF-12-BL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

TRU-LINK™ Accessories

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



SPOTMOD® SLIK SERIES LED Panel Light

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

FEATURES & BENEFITS

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

QUICK SPECS

Voltage	12VDC
Dimmable	Yes
Environment	Indoor only
Certification	UL Listed

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



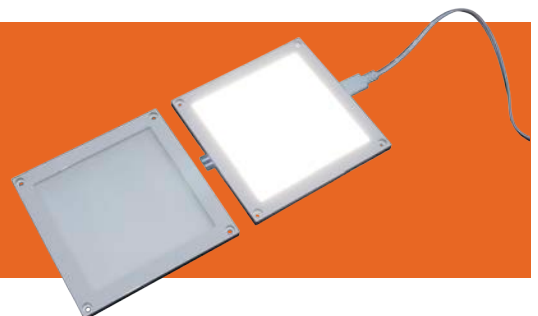
SPOTMOD® SLIK Models

(All models include mounting screws and adhesive surface)

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

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

NEW ARRIVAL
LINKABLE SPOTMOD® SLIK
 CONNECTS UP TO 10 FIXTURES
 CALL FOR DETAILS



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	3.6W
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		

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



2.3(dia) x 0.45(depth) in.

SPOTMOD® TILE LED Fixture



FEATURES & BENEFITS

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

QUICK SPECS

Voltage	12VDC
CRI	90+*
Power Consumption	3.6W
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

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.)

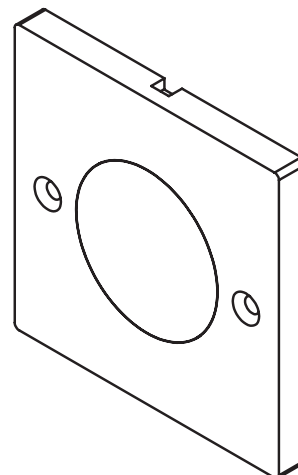
Dimensions: 60 x .25 x .25 in. (L x W x H)

- 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^T

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

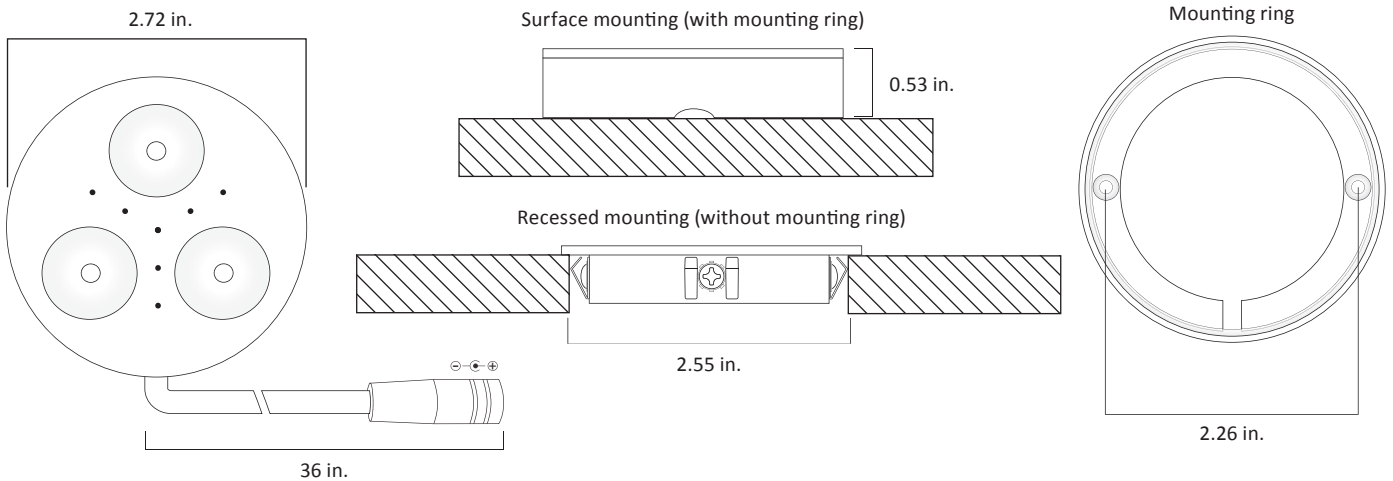
Voltage	12VDC
Wattage per Fixture	3.92W / 326mA
Dimmable	Yes
Environment	Indoor
Dimensions	2.72 x 0.53 in.
Certification	UL Listed 2108

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	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		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
	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		4-Way DC Splitter Single: DI-DCSP4 Pack of 5: DI-DCSP4-5  White Pack of 25: DI-DCSP4-25
	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		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
	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		

SPOTMOD® Recessed Gimbal Wet Location LED Fixture



FEATURES & BENEFITS

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



Voltage 12VDC

Wattage per Fixture 2.13W / 176mA



Dimmable Yes

Environment Outdoor/Indoor

Finish Brushed Aluminum

Dimensions 1.25 x 2.05 x 0.91 in.

Certification ETL Listed 2108

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



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
DI-SPOT-RG50-45-BA	45°	5000K	167	66

SPOTMOD® Wet Location LED Fixture



FEATURES & BENEFITS

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



Voltage 12VDC

Wattage per Fixture 2.13W / 176mA



Dimmable Yes

Environment Outdoor/Indoor

Finish Brushed Aluminum

Dimensions 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.



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

CASCADE® 2 LED Light Bar



FEATURES & BENEFITS

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



Voltage 12VDC

Wattage per Fixture (12 in.) 3.4W | (24 in.) 6.7W



Dimmable Yes

Environment Outdoor/Indoor

Finish Brushed Aluminum

Certification ETL Listed 2108

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



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

Wet Location LED Fixture Accessories

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

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

Wet Location Splice Connector Pair

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



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

FEATURES & BENEFITS

- Wet or dry environments
- Durable and flexible



Wet Location Male to Female Extension Cables

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



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

FEATURES & BENEFITS

- Wet or dry environments
- Durable and flexible



Wet Location Splitter Plug Connector

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



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

FEATURES & BENEFITS

- Wet or dry environments
- Durable and flexible



Wet Location Plug to DC Plug Connector

Wet location plug converter for use with DC accessories and Diode LED's Plug-In Adapters. (See page 88)
 Dimensions: 6 x 0.3 in. (L x W)



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

FEATURES & BENEFITS

- Wet or dry environments
- Durable and flexible





Featuring three individually rotating lenses for unique lighting experiences



Upward Ambient Lighting



Direct & Indirect Lighting



Direct Task Lighting

EMERY™

ENSEMBLE

Suspended LED Fixture

EMERY Ensemble is the easy to install hanging fixture for low-voltage residential or commercial applications. Suspended from high-grade aircraft cable, this fixture features three high-output cylindrical lighting sections that can be adjusted to meet your unique lighting requirements.

FEATURES & BENEFITS

- Durable aluminum housing
- Hanging design for commercial or residential
- High output with superior color rendering
- Rotating cylinders for directional lighting
- High-grade aircraft cable for hanging
- Fully assembled out of the box

QUICK SPECS

Voltage	24VDC
Dimmable	Yes
CRI	90+
Finishes	Silver/ Black
Dimensions	(L)51.18 x (W)7.09 in.
Environment	Indoor only

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



EMERY™ ENSEMBLE Models



Silver Finish



Black Finish

SKU	INPUT	FINISH	CCT OPTION	LUMENS PER FIXTURE
DI-24V-ES30-SV	24VDC	Silver	 3000K	4560
DI-24V-ES30-BK	24VDC	Black	 3000K	4560
DI-24V-ES40-SV	24VDC	Silver	 4000K	4560
DI-24V-ES40-BK	24VDC	Black	 4000K	4560



RECOMMENDED POWER SUPPLIES FROM DIODE LED

POWER SUPPLIES NOT INCLUDED - MUST BE PURCHASED SEPARATELY



SWITCHEX® Driver + Dimmer – Page 156



OMNIDRIVE® Electronic Dimmable driver – Page 158



0-10V® Dimmable Driver – Page 166



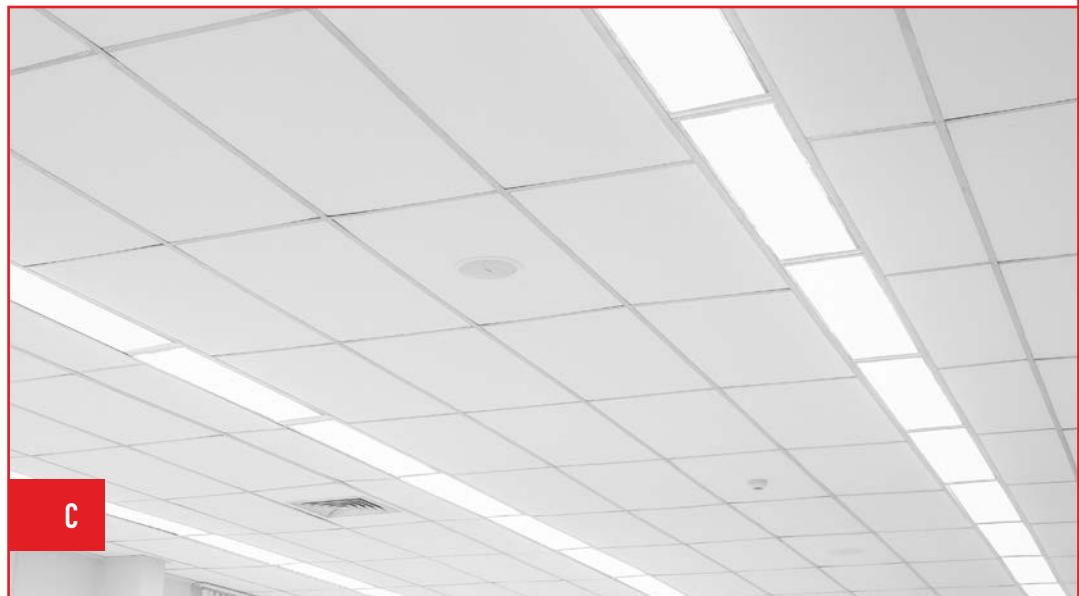
INFINILINE[®] X

UP TO 200 FEET OF
UNINTERRUPTED
LED LIGHTING

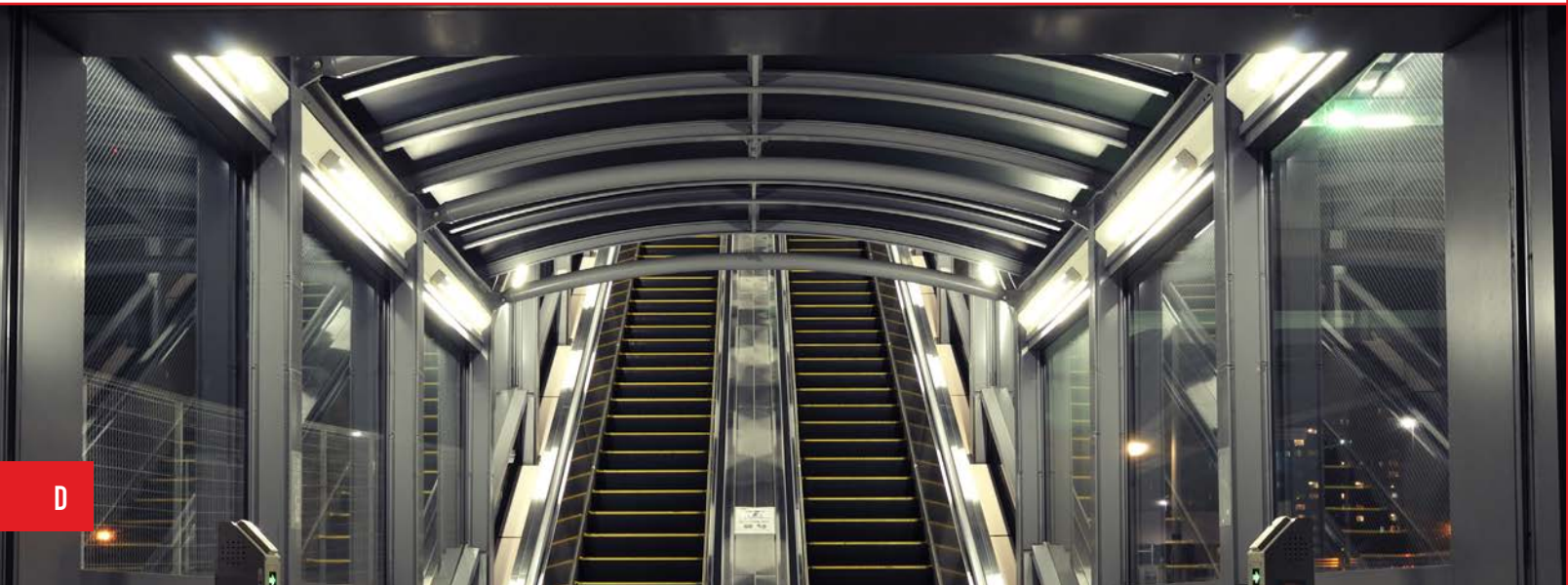
A



B



C



D

HIGH VOLTAGE LED LIGHTING SOLUTIONS



Diode LED high-voltage fixtures deliver high-performance LED lighting applications. Style meets function in lighting solutions for small residential to large commercial applications.



A **INFINILINE® X**
The only UL Listed, driverless 120V LED strip light available
(Page 120)

B **EMERY™ SKY**
Direct/indirect lighting in a stylish and high performing suspended luminaire
(Page 104)

C **EMERY™ STRATUS**
The best value and quality combination in a ceiling tile fixture
(Page 108)

D **EMERY™ BEAM**
The easiest batten to install in the industry
(Page 106)

E **VOLANTE™ SERIES**
Industry defining optic technology in a modular lighting system
(Page 111)



Slim.
Sleek.
Sexy.

EMERY™ SKY

Suspended LED Luminaire

Style and performance are now available in a new lighting experience. EMERY SKY is a new lighting centerpiece that accents architecture and environment by emitting light upward as well as downward. This dual-throw design frames a semi transparent diffusion pane, engineered with optical glass for maximum diffusion. Take advantage of the multi-directional ambient light for the ultimate lighting experience.

FEATURES & BENEFITS

- Direct *and* indirect lighting
- Easy and fast install
- Integrated driver
- Daisy-chain multiple fixtures
- See-through architectural design

QUICK SPECS

Voltage	120 -277VAC
CCT	4000K
Dimming	0-10V Dimming
Environment	Indoor

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

EMERY SKY FIXTURE OPTIONS



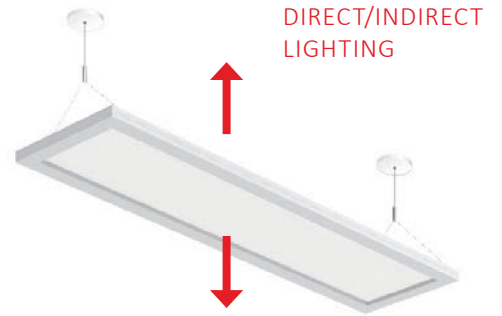
12 x 48 in.



8 x 48 in.



8 x 96 in.



SKU	DIMENSIONS	CCT OPTION	LUMENS / PANEL*	WATTAGE
DI-120V-SKY40-1248-WH	12 x 48 in.	4000K	6000	54W
DI-120V-SKY40-0848-WH	8 x 48 in.	4000K	4200	40W
DI-120V-SKY40-0896-WH	8 x 96 in.	4000K	8400	80W

* Lumens are distributed 45% upward and 55% downward.

UPWARD AMBIENT LIGHTING



DOWNWARD TASK LIGHTING





THE EASIEST BATTEN TO INSTALL IN THE INDUSTRY

EMERY™ BEAM LED Batten Fixture

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

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

FEATURES & BENEFITS

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

QUICK SPECS

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

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






SURFACE MOUNTING & SUSPENSION MOUNTING (CABLES SOLD SEPARATELY)

OPTIONAL INTEGRATED EMERGENCY BATTERY



EMERY BEAM Linkable Batten

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




PALLET QUANTITY OPTIONS AVAILABLE: Call for details 877.817.6028

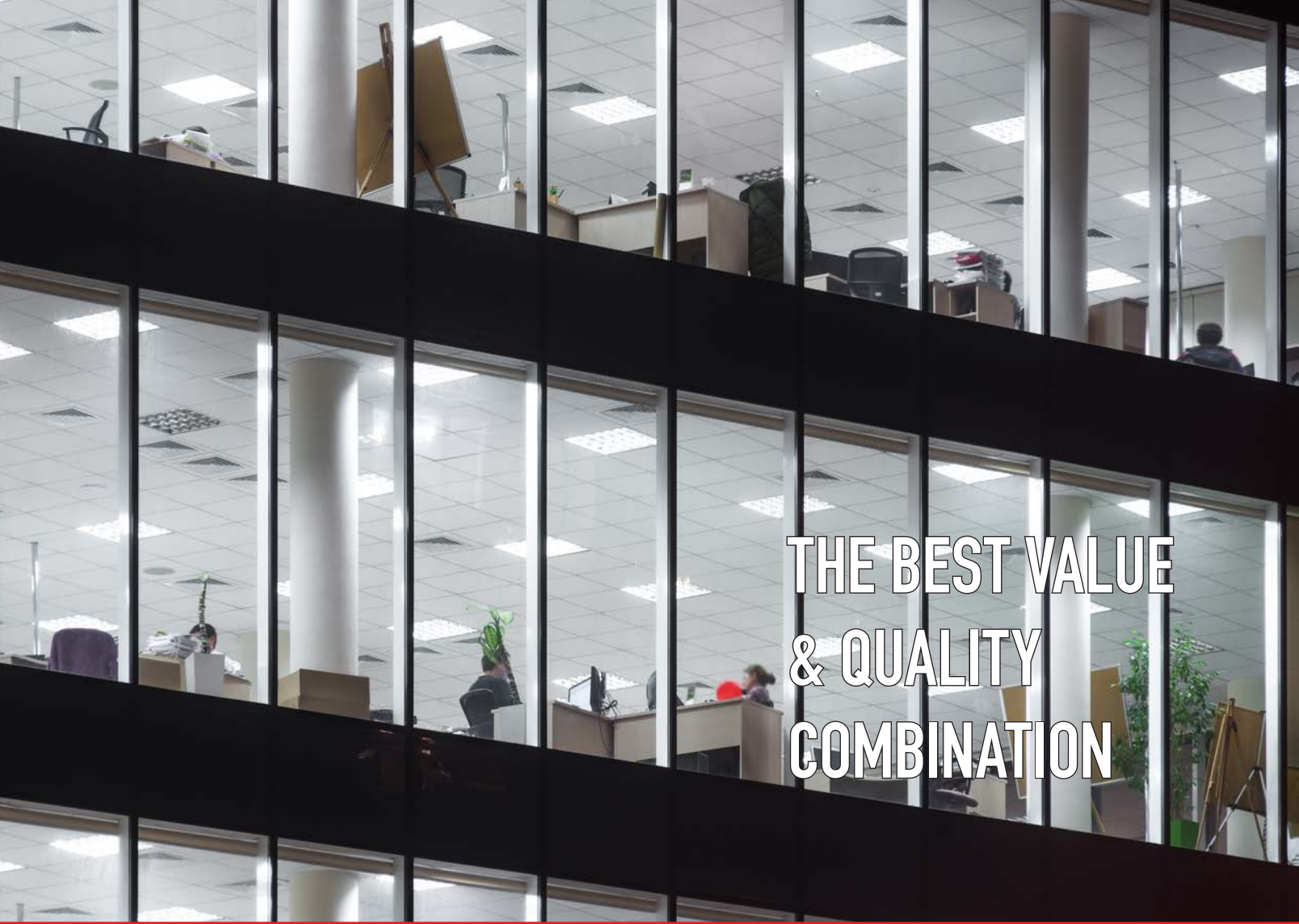


SURFACE MOUNTING & SUSPENSION MOUNTING (CABLES INCLUDED)



EMERY BEAM Wet Location Linkable Batten

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



THE BEST VALUE
& QUALITY
COMBINATION

EMERY™ STRATUS

LED CEILING TILE FIXTURE

The EMERY STRATUS brings glare-free lighting while delivering task-level illumination to any office or commercial space. EMERY STRATUS combines the ease of installation with the slimmest form factor available. This unique slim design makes it simple to incorporate with ceilings that have complex duct-work and sprinkler systems.

FEATURES & BENEFITS

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




QUICK SPECS

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

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



EMERY STRATUS Premium High-Lumen Fixture

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

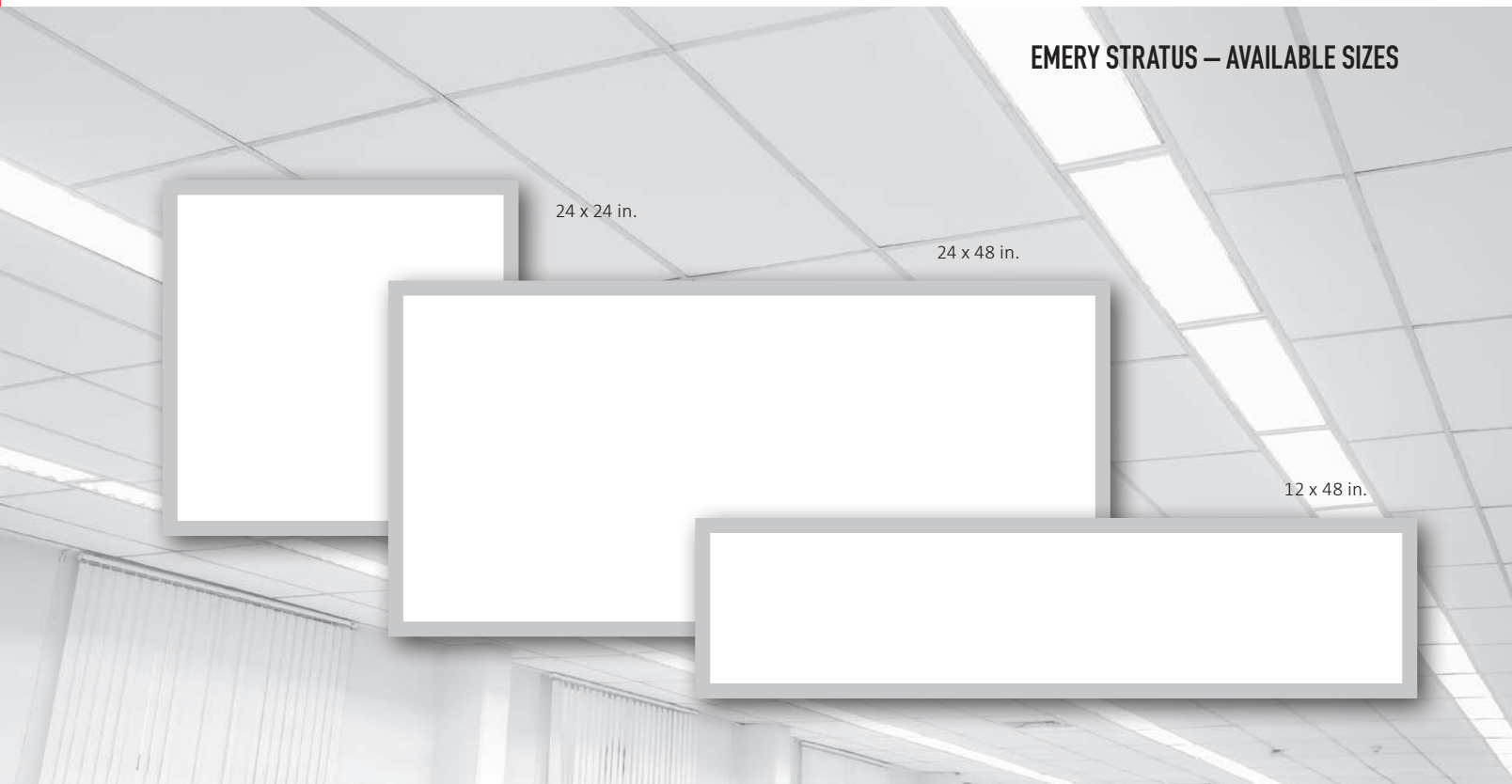
PALLET QUANTITY OPTIONS AVAILABLE: Call for details 877.817.6028



EMERY STRATUS Standard Fixture

SKU	DIMENSIONS	CCT OPTION	LUMENS / FIXTURE	WATTAGE
DI-ST40-37L-2X2	2 x 2 ft.	 4000K	3700	35W

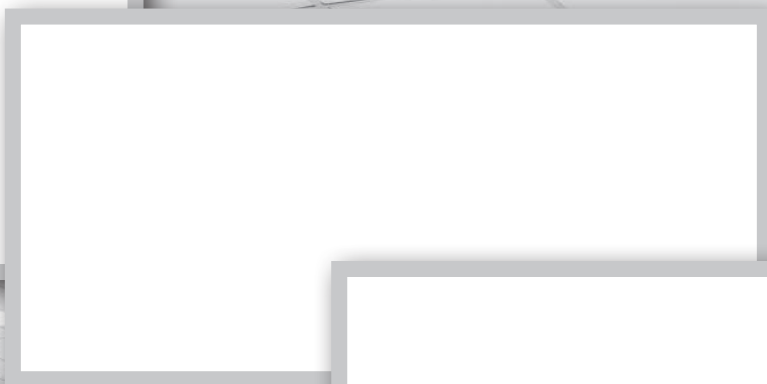
PALLET QUANTITY OPTIONS AVAILABLE: Call for details 877.817.6028



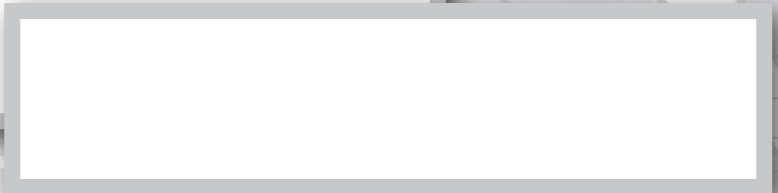
EMERY STRATUS – AVAILABLE SIZES



24 x 24 in.



24 x 48 in.



12 x 48 in.



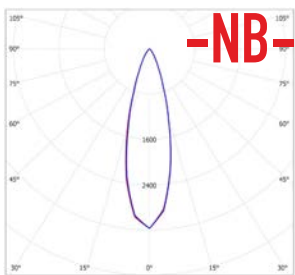
VOLANTE Canopy Light Application



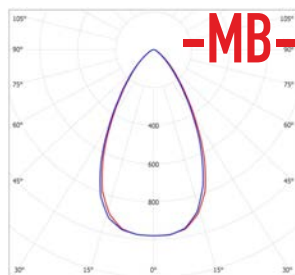
VOLANTE Flood Light Application

OPTIC TYPES

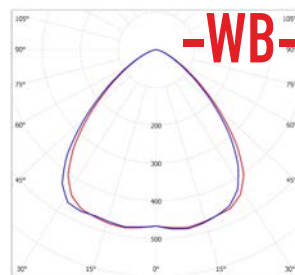
INDUSTRY DEFINING OPTICS TECHNOLOGY



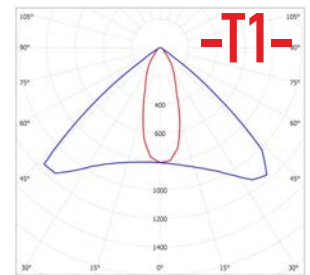
30° x 30°
Narrow Beam



60° x 60°
Medium Beam



90° x 90°
Wide Beam



30° x 100°
Type I

VOLANTE® SERIES

HIGH OUTPUT FLOOD & CANOPY LIGHTS

INTRODUCING THE VOLANTE OPTIC SYSTEM

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

CHOOSE YOUR COVERAGE

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

CHOOSE YOUR FORMAT

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

CHOOSE YOUR OUTPUT

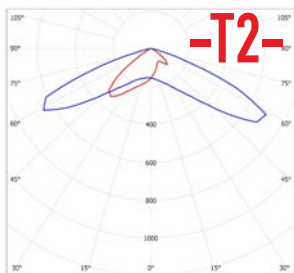
Each format has light output options for your application.

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

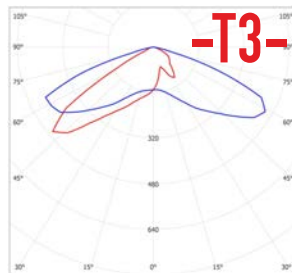


INDUSTRY DEFINING OPTICS TECHNOLOGY

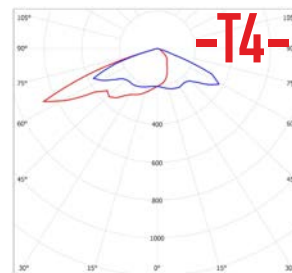
OPTIC TYPES



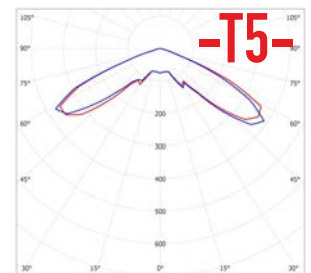
50° x 140°
Type II



40° x 140°
Type III



30° x 140°
Type IV



140° x 140°
Type V

VOLANTE®

CANOPY LIGHT



Compact & Modular Design

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

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

FEATURES & BENEFITS

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



QUICK SPECS

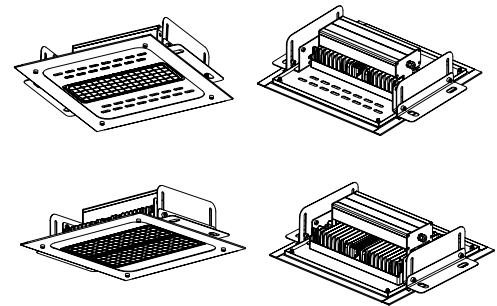
Voltage	120VAC -277VAC
Connection	Hardwire
Environment	Indoor/Outdoor

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

VOLANTE Canopy Light Fixture RECESSED MOUNT

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

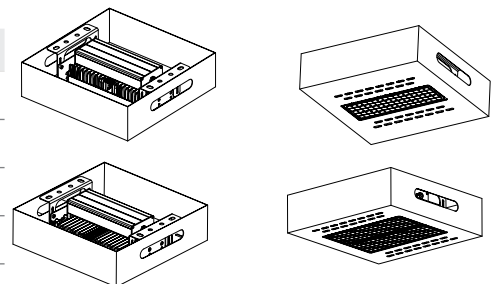
** Use the 'Optic Types' variable from pages 110-111



VOLANTE Canopy Light Fixture SURFACE MOUNT

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

** Use the 'Optic Types' variable from pages 110-111









VOLANTE®

FLOOD LIGHT



Expandable, High-Output Format

VOLANTE Flood Light Fixture

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

** Use the 'Optic Types' variable from pages 110-111

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

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

FEATURES & BENEFITS

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



QUICK SPECS

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

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



75W
SINGLE MODULE
CONFIGURATION



150W
TWO MODULE
CONFIGURATION



225W
THREE MODULE
CONFIGURATION



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 new 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
- 120V Triac dimmable
- Mounts in a single gang-box

QUICK SPECS

Voltage	120VAC
CCT	3000K
CRI	96.4
Output	100 lm
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



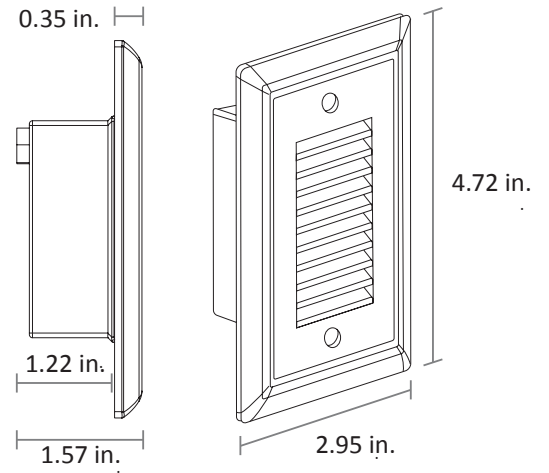
**Vertical
Louvered
- Bronze -**
DI-MAT2-VL-BZ



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



Vertical Louvered

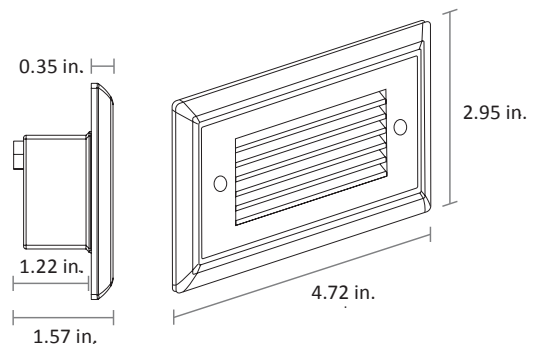


**Horizontal
Louvered
- White -**
DI-MAT2-HL-WH



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

Horizontal Louvered



FENCER® Series SABER™ LED Task Light



DIRECT-CONNECT & PREMIUM DIFFUSION



FEATURES & BENEFITS

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

QUICK SPECS

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










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



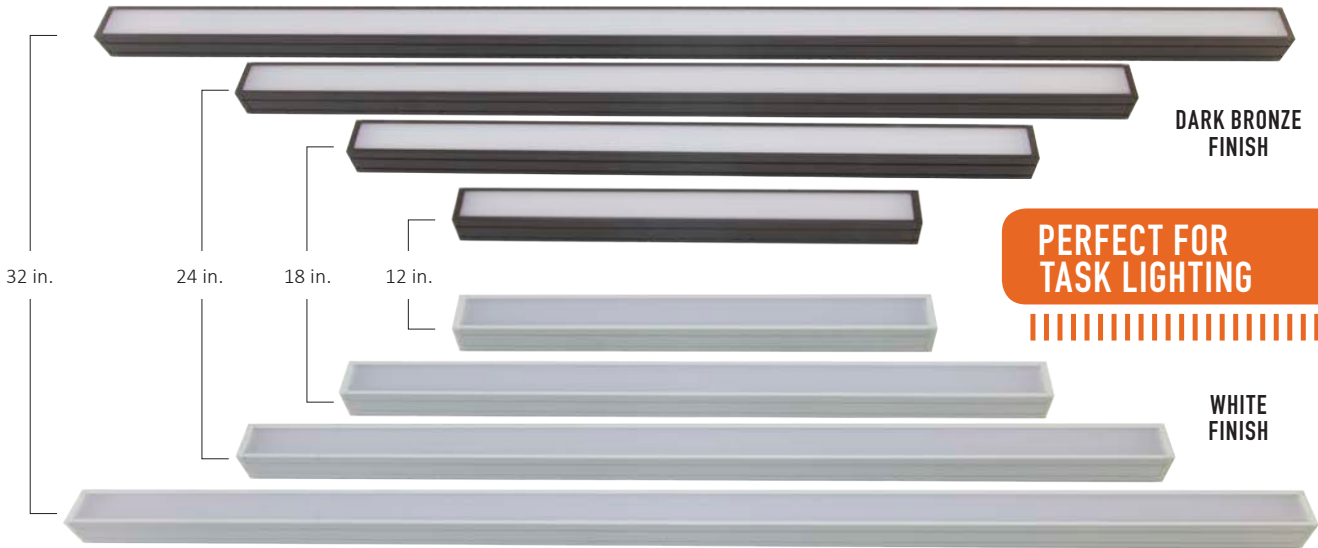
FENCER® SABER™ Models & Accessories

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

SKU	LENGTH	CCT	LUMENS	FIXTURE COLOR	DIMENSIONS
DI-120V-SABER-PD27-8-BZ-V2	8 in.	2700K	278	Dark Bronze	8.21 x 3.62 x 0.96 in.
DI-120V-SABER-PD27-8-WH-V2	8 in.	2700K	278	White	8.21 x 3.62 x 0.96 in.
DI-120V-SABER-PD27-16-BZ-V2	16 in.	2700K	620	Dark Bronze	16.03 x 3.62 x 0.96 in.
DI-120V-SABER-PD27-16-WH-V2	16 in.	2700K	620	White	16.03 x 3.62 x 0.96 in.
DI-120V-SABER-PD27-24-BZ-V2	24 in.	2700K	844	Dark Bronze	23.85 x 3.62 x 0.96 in.
DI-120V-SABER-PD27-24-WH-V2	24 in.	2700K	844	White	23.85 x 3.62 x 0.96 in.
DI-120V-SABER-PD27-32-BZ-V2	32 in.	2700K	1305	Dark Bronze	31.67 x 3.62 x 0.96 in.
DI-120V-SABER-PD27-32-WH-V2	32 in.	2700K	1305	White	31.67 x 3.62 x 0.96 in.
DI-120V-SABER-PD30-8-BZ-V2	8 in.	3000K	278	Dark Bronze	8.21 x 3.62 x 0.96 in.
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-BZ-V2	16 in.	3000K	620	Dark Bronze	16.03 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-BZ-V2	24 in.	3000K	844	Dark Bronze	23.85 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-BZ-V2	32 in.	3000K	1305	Dark Bronze	31.67 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.
DI-120V-SABER-PD35-8-BZ-V2	8 in.	3500K	278	Dark Bronze	8.21 x 3.62 x 0.96 in.
DI-120V-SABER-PD35-8-WH-V2	8 in.	3500K	278	White	8.21 x 3.62 x 0.96 in.
DI-120V-SABER-PD35-16-BZ-V2	16 in.	3500K	620	Dark Bronze	16.03 x 3.62 x 0.96 in.
DI-120V-SABER-PD35-16-WH-V2	16 in.	3500K	620	White	16.03 x 3.62 x 0.96 in.
DI-120V-SABER-PD35-24-BZ-V2	24 in.	3500K	844	Dark Bronze	23.85 x 3.62 x 0.96 in.
DI-120V-SABER-PD35-24-WH-V2	24 in.	3500K	844	White	23.85 x 3.62 x 0.96 in.
DI-120V-SABER-PD35-32-BZ-V2	32 in.	3500K	1305	Dark Bronze	31.67 x 3.62 x 0.96 in.
DI-120V-SABER-PD35-32-WH-V2	32 in.	3500K	1305	White	31.67 x 3.62 x 0.96 in.

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

FENCER® Series FOIL™ 2 LED Task Light



DIRECT-CONNECT & PREMIUM DIFFUSION



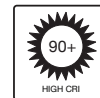
FEATURES & BENEFITS

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

QUICK SPECS

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

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







PRODUCT DESCRIPTION	SKU	COLOR	INSTALLATION NOTE
FENCER Series Foil Direct-Wire Switch & Junction Box	DI-120V-FOIL-JBOX-WH	White	Direct-wire Switch and J-Box required for all hard-wired installations.
	DI-120V-FOIL-JBOX-BZ	Dark Bronze	

FENCER® FOIL™ 2 Models & Accessories

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

SKU	LENGTH	CCT	LUMENS	FIXTURE COLOR	DIMENSIONS
DI-120V-FOIL-PD27-12-BZ	12 in.	2700K	554	Dark Bronze	12.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD27-12-WH	12 in.	2700K	554	White	12.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD27-18-BZ	18 in.	2700K	718	Dark Bronze	18.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD27-18-WH	18 in.	2700K	718	White	18.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD27-24-BZ	24 in.	2700K	1037	Dark Bronze	24.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD27-24-WH	24 in.	2700K	1037	White	24.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD27-32-BZ	32 in.	2700K	1225	Dark Bronze	32.81 x 0.97 x 1.09 in.
DI-120V-FOIL-PD27-32-WH	32 in.	2700K	1225	White	32.81 x 0.97 x 1.09 in.
DI-120V-FOIL-PD30-12-BZ	12 in.	3000K	554	Dark Bronze	12.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD30-12-WH	12 in.	3000K	554	White	12.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD30-18-BZ	18 in.	3000K	718	Dark Bronze	18.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD30-18-WH	18 in.	3000K	718	White	18.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD30-24-BZ	24 in.	3000K	1037	Dark Bronze	24.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD30-24-WH	24 in.	3000K	1037	White	24.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD30-32-BZ	32 in.	3000K	1225	Dark Bronze	32.81 x 0.97 x 1.09 in.
DI-120V-FOIL-PD30-32-WH	32 in.	3000K	1225	White	32.81 x 0.97 x 1.09 in.
DI-120V-FOIL-PD35-12-BZ	12 in.	3500K	554	Dark Bronze	12.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD35-12-WH	12 in.	3500K	554	White	12.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD35-18-BZ	18 in.	3500K	718	Dark Bronze	18.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD35-18-WH	18 in.	3500K	718	White	18.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD35-24-BZ	24 in.	3500K	1037	Dark Bronze	24.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD35-24-WH	24 in.	3500K	1037	White	24.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD35-32-BZ	32 in.	3500K	1225	Dark Bronze	32.81 x 0.97 x 1.09 in.
DI-120V-FOIL-PD35-32-WH	32 in.	3500K	1225	White	32.81 x 0.97 x 1.09 in.
DI-120V-FOIL-PD40-12-BZ	12 in.	4000K	554	Dark Bronze	12.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD40-12-WH	12 in.	4000K	554	White	12.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD40-18-BZ	18 in.	4000K	718	Dark Bronze	18.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD40-18-WH	18 in.	4000K	718	White	18.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD40-24-BZ	24 in.	4000K	1037	Dark Bronze	24.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD40-24-WH	24 in.	4000K	1037	White	24.31 x 0.97 x 1.09 in.
DI-120V-FOIL-PD40-32-BZ	32 in.	4000K	1225	Dark Bronze	32.81 x 0.97 x 1.09 in.
DI-120V-FOIL-PD40-32-WH	32 in.	4000K	1225	White	32.81 x 0.97 x 1.09 in.

PRODUCT IMAGE	PRODUCT DESCRIPTION	SKU	COLOR
	FENCER Series FOIL Linkable End-to-End Connector	DI-FOIL-ETE-WH	White
		DI-FOIL-ETE-BZ	Dark Bronze
	FENCER Series FOIL 6 in. Extension Cable	DI-FOIL-6EXT-WH	White
		DI-FOIL-6EXT-BL	Black
		DI-FOIL-12EXT-WH	White
		DI-FOIL-12EXT-BL	Black
	FENCER Series FOIL 72 in. Power Cable with AC Plug	DI-FOIL-ACPWR-WH	White
		DI-FOIL-ACPWR-BL	Black
	FENCER Series FOIL 72 in. Power Cable with Hard-Wire Connection	DI-FOIL-HWPWR-WH	White
		DI-FOIL-HWPWR-BL	Black

ACTUAL SIZE

UP TO 200 FEET
OF CONTINUOUS LED LIGHTING

PATENTED



INFINILINE[®] X

DRIVERLESS 120VAC LINEAR LED LIGHTING

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

FEATURES & BENEFITS

- Engineered to Strict UL Safety standards
- Delivers optimal, true-to-life color rendering
- Superior color rendering: High CRI, R9, & R13

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

QUICK SPECS

Voltage	120VAC
Dimmable	No
Max. Run	200 Feet
Field Cuttable	No
Certification	UL Listed 2388

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

DESIGNED, DEVELOPED, AND PATENTED BY DIODE LED

- **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 outdoor testing and strict internal development



UNPARALLELED UL CERTIFICATION & TESTING







- UL 2388 for flexible LED lighting
- Flame test V-0 - Fire resistant
- Cold-bend tested - no cracking
- Ball impact tested
- Coil bend tested
- IP65 environmental rating
- Outdoor extreme testing -30° F

WHEN YOU ORDER INFINILINE X, YOU GET...

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

INFINILINE X IS MADE TO ORDER FROM OUR NEW NEVADA OPERATIONS CENTER

CALL CUSTOMER SERVICE TODAY FOR A QUOTE - 877.817.6028

SKU	CCT*	CRI	LUMENS / FT.
DI-120V-INF27-CSTM	 2700K	91	452
DI-120V-INF30-CSTM	 3000K	92	502
DI-120V-INF35-CSTM	 3500K	92	461
DI-120V-INF40-CSTM	 4000K	95	462
DI-120V-INF45-CSTM	 4500K	95	443
DI-120V-INF60-CSTM	 6000K	95	510

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

* CCT range +/- 300K



THE ONLY UL 2388 LISTED HIGH-VOLTAGE FLEXIBLE
LED STRIP LIGHT THAT LIGHTS UP TO 200 FEET

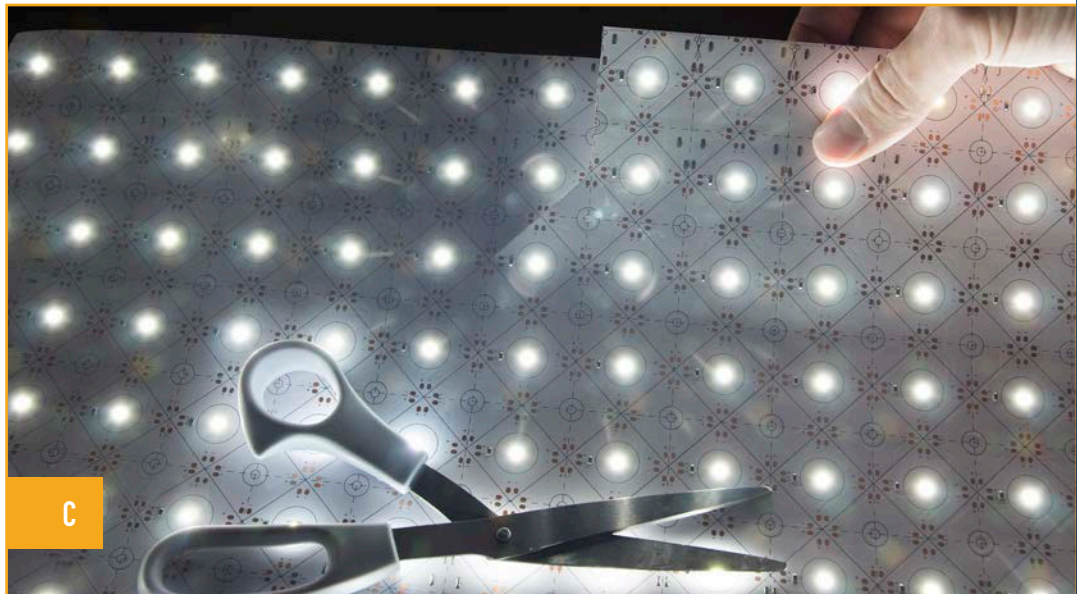


A

Credit: Forty Nine Degrees, LLC - University of Kentucky



B



C



D

Are you a manufacturer or display fabricator?

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

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

Phone: 877.490.4897

Email: Solutions@ElementalLED.com



elemental led[®]

Technology | Engineering | Innovation

DISPLAY, SIGN & COMMERCIAL LIGHTING

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

- A LED LIGHT GUIDE PANELS**
Backlit panels available in-stock or special order for unique sizes
(Page 124)
- B EQUIFLUX[®] LED GRAPHICS LIGHT**
Engineered for backlighting of displays and panels
(Page 126)
- C PURALIGHT[®] LED LIGHT SHEET**
A new trimmable LED array that is perfect for lighting complex shapes or specialized displays
(Page 128)
- D PURALIGHT[®] 2 MODULES**
These bright and easy to install modules are great for confined decorative lighting.
(Page 130)

LIGHT GUIDE PANELS

TRANSPARANCIES,
GENERAL LIGHTING
& DECORATIVE SHELVING

IN-STOCK AND READY TO SHIP

Credit: Forty Nine Degrees, LLC - University of Alabama

LIGHT GUIDE PANELS

Display & General Illumination

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

Snap-Frames available for quick and easy graphics placement.



Open Frame Position



Closed Frame Position

FEATURES & BENEFITS

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

QUICK SPECS

Voltage	24VDC
CCT	5000K
Dimming	Dimmable
Environment	Indoor
Certification	UL Listed

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



LIGHT GUIDE PANEL MODELS

SIZE	CCT	FRAME	SURFACE ILLUMINATION	SKU		
8.5 x 11 in.	5000K	No Frame	One Sided	DI-24V-LGP50-0811		
		Silver Snap-Frame	One Sided	DI-24V-LGP50-0811-SV-1S		
			Two Sided	DI-24V-LGP50-0811-SV-2S		
		Black Snap-Frame	One Sided	DI-24V-LGP50-0811-BL-1S		
			Two Sided	DI-24V-LGP50-0811-BL-2S		
		11 x 17 in.	5000K	No Frame	One Sided	DI-24V-LGP50-1117
Silver Snap-Frame	One Sided			DI-24V-LGP50-1117-SV-1S		
	Two Sided			DI-24V-LGP50-1117-SV-2S		
Black Snap-Frame	One Sided			DI-24V-LGP50-1117-BL-1S		
	Two Sided			DI-24V-LGP50-1117-BL-2S		
12 x 24 in.	5000K			No Frame	One Sided	DI-24V-LGP50-1224
12 x 36 in.	5000K	No Frame	One Sided	DI-24V-LGP50-1236		
17 x 22 in.	5000K	Silver Snap-Frame	One Sided	DI-24V-LGP50-1722-SV-1S		
			Two Sided	DI-24V-LGP50-1722-SV-2S		
		Black Snap-Frame	One Sided	DI-24V-LGP50-1722-BL-1S		
			Two Sided	DI-24V-LGP50-1722-BL-2S		
		18 x 24 in.	5000K	No Frame	One Sided	DI-24V-LGP50-1824
				Silver Snap-Frame	One Sided	DI-24V-LGP50-1824-SV-1S
Two Sided	DI-24V-LGP50-1824-SV-2S					
Black Snap-Frame	One Sided			DI-24V-LGP50-1824-BL-1S		
	Two Sided			DI-24V-LGP50-1824-BL-2S		
22 x 28 in.	5000K			Silver Snap-Frame	One Sided	DI-24V-LGP50-2228-SV-1S
		Two Sided	DI-24V-LGP50-2228-SV-2S			
		Black Snap-Frame	One Sided	DI-24V-LGP50-2228-BL-1S		
			Two Sided	DI-24V-LGP50-2228-BL-2S		
		24 x 36 in.	5000K	No Frame	One Sided	DI-24V-LGP50-2436
				Silver Snap-Frame	One Sided	DI-24V-LGP50-2436-SV-1S
Two Sided	DI-24V-LGP50-2436-SV-2S					
Black Snap-Frame	One Sided			DI-24V-LGP50-2436-BL-1S		
	Two Sided			DI-24V-LGP50-2436-BL-2S		

CUSTOM PANEL ORDERING






DO YOU HAVE A UNIQUE OR LARGE-SCALE JOB?

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

CALL
877.817.6028

OR
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quotes@DiodeLED.com

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

EQUIFLUX[®] LED

Display Graphics Light

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

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

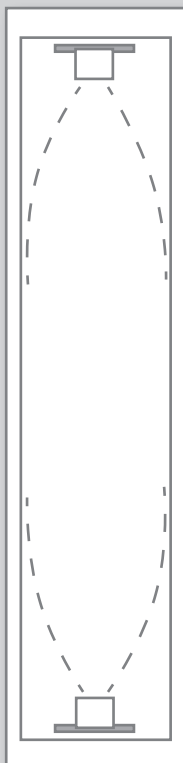
FEATURES & BENEFITS

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

QUICK SPECS

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

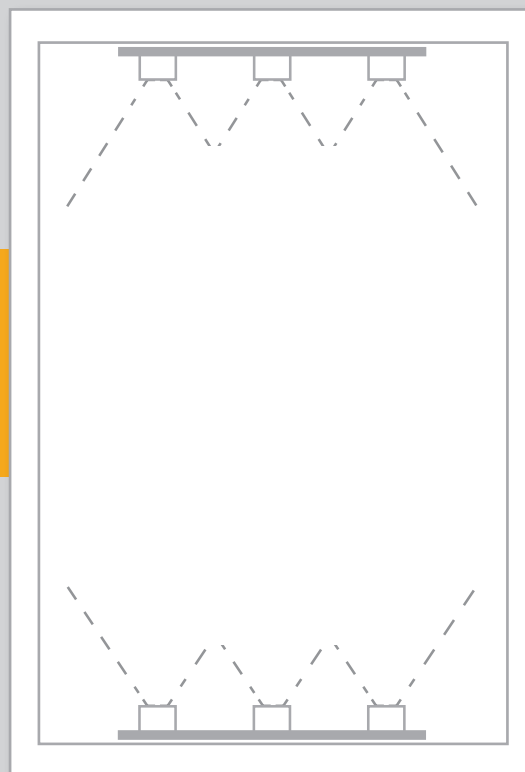
10° vertical lensing provides a narrow vertical lighting beam.

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.



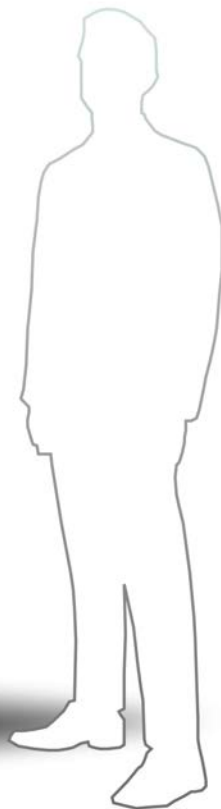
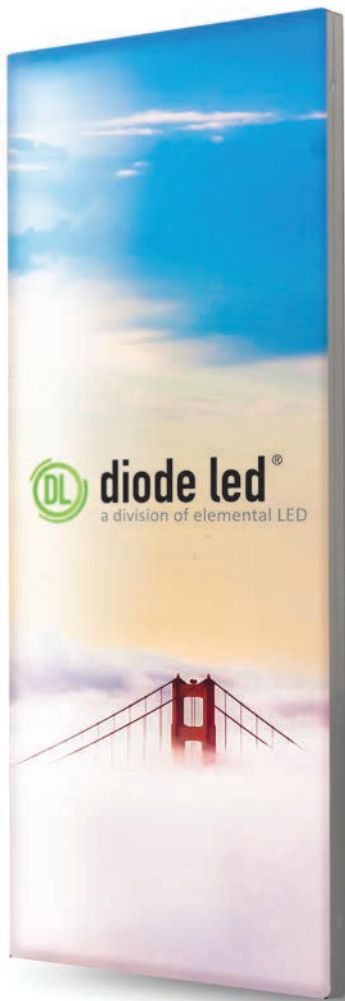
EQUIFLUX® Model Options

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

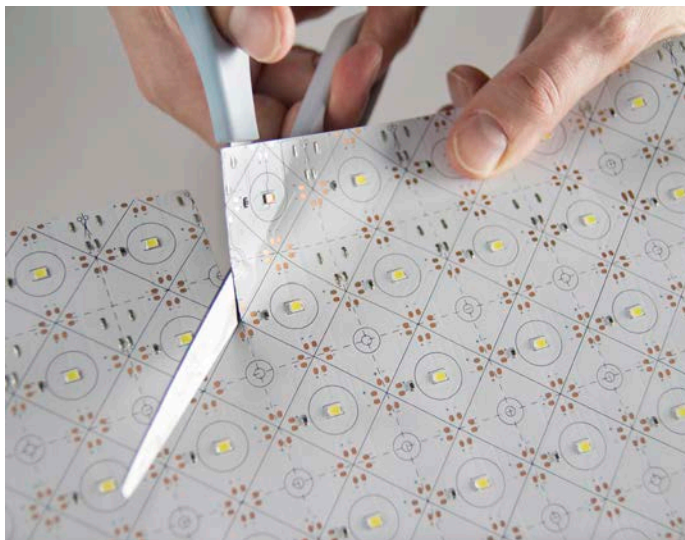
Voltage	12VDC
CRI	80+
Light Beam Angle	120° or 160°
Environment	Indoor

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

Puralight LED Light Sheet Models

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°	20 x 9 in.	 3000K	3480Lm	32W
DI-12V-PS60-120-2009	120°	20 x 9 in.	 6000K	3480Lm	32W
DI-12V-PS60-160-2009	160°	20 x 9 in.	 6000K	3480Lm	32W

- CHANNEL LIGHTING
- BACK LIGHTING
- LIGHTBOXES
- DISPLAYS





PURALIGHT[®] 2 LED Light Modules

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

FEATURES & BENEFITS

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

QUICK SPECS

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

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



MONOBRIGHT™



DUOBRIGHT™



TRIOBRIGHT™



TILEBRIGHT™

PURALIGHT® 2 Model Options

MONOBRIGHT™ LED Light Module



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

DUOBRIGHT™ LED Light Module



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

TRIOBRIGHT™ LED Light Module



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

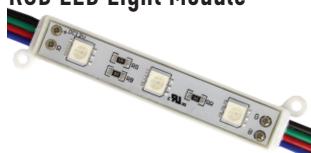
TILEBRIGHT™ LED Light Module



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

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

TRIOBRIGHT RGB LED Light Module



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



A



B



C



D

EVOLUTION IS CONSTANT

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

- Wi-Fi enabled
- Bluetooth pairing
- Amazon Echo
- Google Home
- Apple Homekit



DIODE LED Introduces
**CONNECTED
SOLUTIONS**

www.DiodeLED.com

SWITCHES & DIMMERS

A TOUCHDIAL™ SYSTEM

Find out what new controls and accessories have been added to the ever-expanding TOUCHDIAL Control System.
(Page 136)

B SENSOR SWITCHES

Sensors for proximity, passive activation, and occupancy.
(Page 138)

C SWITCHEX®

The award winning driver + dimmer switch.
(Page 134)

D REIGN® LED DIMMER SWITCH

The innovative in-line, wall-mount dimmer for low-volt circuits.
(Page 135)

SWITCHEX[®]

Driver + Dimmer Switch

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

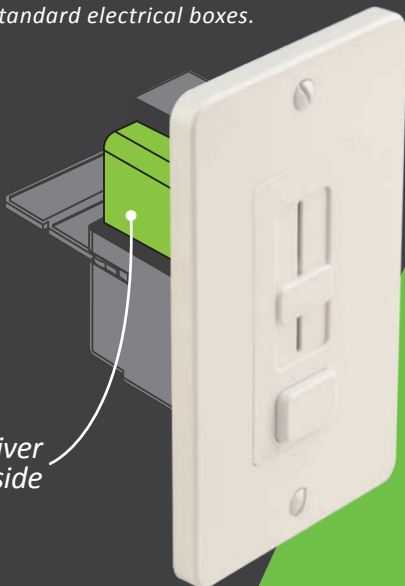
SEE MODEL OPTIONS ON PAGE 156 OR
LEARN MORE ABOUT SWITCHEX ON THE
WEBSITE...

www.DiodeLED.com/switchex



WINNER OF THE ARCHITECTURAL SSL PRODUCT INNOVATION AWARD

Fits in standard electrical boxes.



*The driver
is inside*



FEATURES & BENEFITS

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

QUICK SPECS

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



REIGN® Wall Mount LED Dimmer Switch

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

TOUCH DIMMER:

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

BUTTON SLIDE:

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

FULL SLIDE

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

FEATURES & BENEFITS

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



QUICK SPECS

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

COMPATIBILITY NOTE

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

VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

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

TOUCHDIAL™

LED CONTROL SYSTEM

Color Control
Dimming Control
Smartphone Control



TOUCHDIAL™ LED Control System

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



FEATURES & BENEFITS

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



TOUCHDIAL™ Receiver

DI-RF-REC-CV-A

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



TOUCHDIAL™ Mini-Receiver

DI-RF-REC-CV-SC

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

Wall Paddle Dimmer DI-RF-WPD-DIM-1	✓	✓
Dual Wall Paddle Dimmer DI-RF-WPD-DIM-2	✓	✓
Wall Dimmer Single Color DI-RF-WMT-DIM	✓	✓
Remote Dimmer Single Color DI-RF-REM-DIM-5	✓	✓
Mini Remote Dimmer Single Color DI-RF-REM-DIM-1	✓	✓
Wall Controller RGB(W) DI-RF-WMT-RGBW	✓	Not Compatible
Remote Control RGB(W) DI-RF-REM-RGBW-4	✓	Not Compatible
Mini Remote Controller RGB(W) DI-RF-REM-RGBW-1	✓	Not Compatible
WiFi Hub DI-WIFI-RF-TRMS	✓	✓

TOUCHDIAL™ LED CONTROLS & ACCESSORIES

TOUCHDIAL 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 lighting in up to 5 zones.



Mini Remote Dimmer Single Color

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

TOUCHDIAL COLOR CONTROL



Wall Controller RGB(W)

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



Remote Control RGB(W)

DI-RF-REM-RGBW-4
This master controller will control color AND dim your lights in up to 8 zones.



Mini Remote Controller RGB(W)

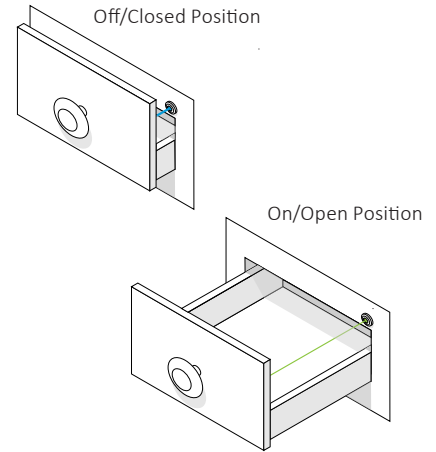
DI-RF-REM-RGBW-1
Put color control in the palm of your hand. Magnetic mount included.

TOUCHDIAL WIFI



WiFi Hub

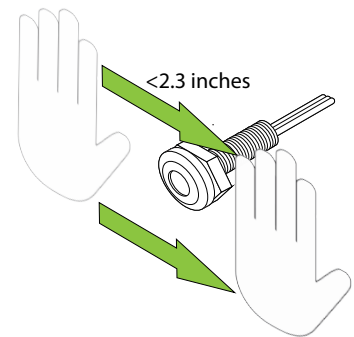
DI-WIFI-RF-TRMS
Control up to 8 zones of dimmable or color changing lighting with your mobile device.



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.

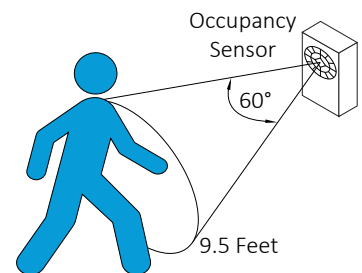
SKU	WORKING VOLTAGE	MAX. LOAD	COLOR
DI-SWTH-PRX	12-24VDC	12V: 60W max. 24V: 96W max.	■ Black



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	COLOR
DI-SWTH-PSV	12-24VDC	12V: 60W max. 24V: 96W max.	■ Black



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	COLOR
DI-SWTH-HW-OCS	12-24VDC	12V: 60W max. 24V: 96W max.	■ Black

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 to complex 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	12V: 24W max. 24V: 48W max.	 White
DI-0715-B	12-24VDC		 Black





FEATURES & BENEFITS

- Good for small 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	12V: 24W max. 24V: 48W max.	 White
DI-0714-B	12-24VDC		 Black
DI-INLINE-OS-5A-W	12-24VDC	12V: 60W max. 24V: 100W max.	 White
DI-INLINE-OS-5A-B	12-24VDC		 Black

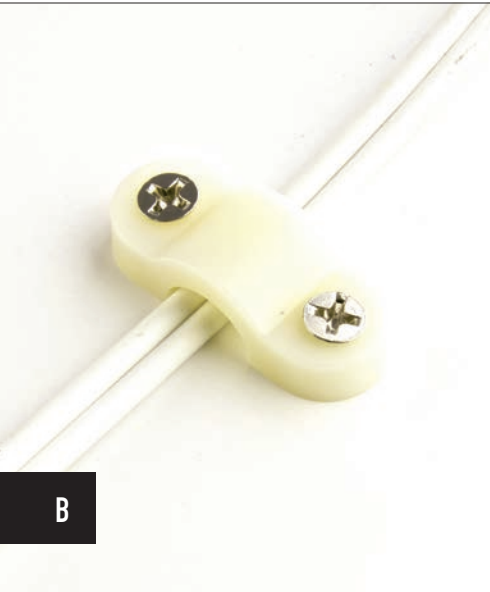
FEATURES & BENEFITS

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

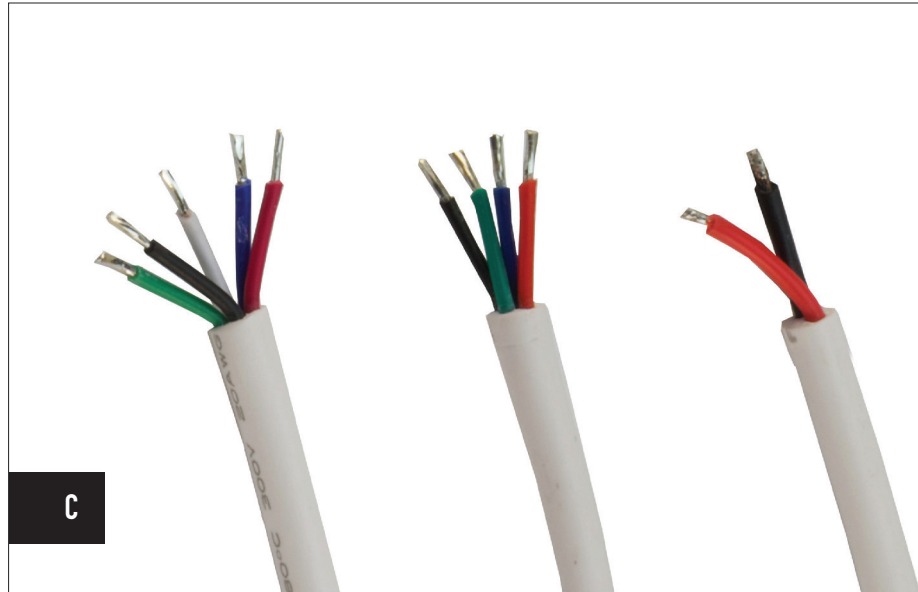




A



B



C



D

CONNECTORS, WIRE & ACCESSORIES



A LO-PRO® JUNCTION BOX

Our own patent pending UL Listed junction box
(Page 147)

B WIRE MANAGEMENT

Secure your leads with out clips and fasteners
(Page 144)

C MULTI-CONDUCTOR WIRE

Resilient and dependable wire for single color or multi-color control
(Page 145)

D DC PLUG ACCESSORIES

The best selection of connectors when working with adaptors and low-voltage fixtures
(Page 144)

E MINI JUNCTION BOXES

Create safe and secure wire connections in a small form-factor
(Page 146)

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)*

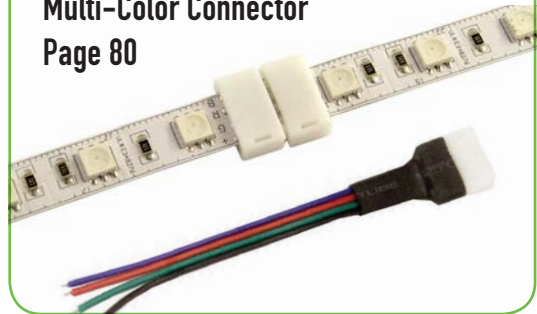
WIRE GAUGE	10 W .42 A	20 W .83 A	30 W 1.3 A	40 W 1.7 A	50 W 2.1 A	60 W 2.5 A	70 W 2.9 A	80 W 3.3 A	100 W 4.2 A
18 AWG	134 ft.	68 ft.	45 ft.	33 ft.	27 ft.	22 ft.	19 ft.	17 ft.	14 ft.
16 AWG	215 ft.	109 ft.	72 ft.	54 ft.	43 ft.	36 ft.	31 ft.	27 ft.	22 ft.
14 AWG	345 ft.	174 ft.	115 ft.	86 ft.	69 ft.	57 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.

CLICKTIGHT® Tape Light Connectors

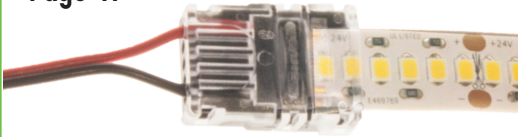
CLICKTIGHT®
Single Color Connector
Page 42



CLICKTIGHT®
Multi-Color Connector
Page 80



CLICKTIGHT®
VALENT X Connector
Page 41



CLICKTIGHT®
PRO Connectors
Page 43



Wet Location
Tape Light Connectors
Page 50

























Wet Location
Fixture Connectors
Page 99






DC Plug Accessories

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-0708B Pack of 5: DI-0708B-5 Pack of 25: DI-0708B-25	 Black
	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
	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-0705 Pack of 5: DI-0705-5 Pack of 25: DI-0705-25	 White
	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-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 and 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)

In-Wall Rated Two Conductor Wire

Hide the wires behind the wall for a discrete 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

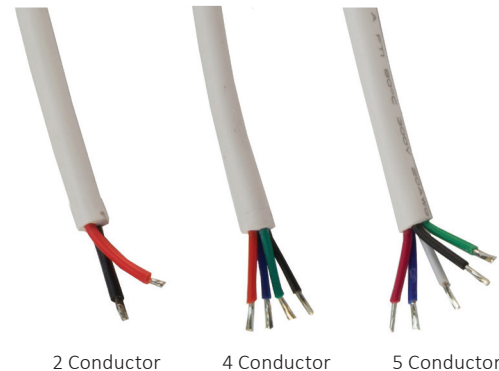
- UL Listed Class 2 wire
- Rated for use in-wall installations
- High purity, oxygen-free copper
- Durable outer jacket insulation



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.



2 Conductor

4 Conductor

5 Conductor

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

Junction Boxes

Junction 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 450V, 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.)

The LO-PRO Junction Box is a low profile, rugged steel enclosure designed for use with our Constant Voltage Drivers. This junction box is a NEMA 1 rated indoor enclosure made of lightweight, but strong steel with a protective black powder-coated finish.

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

- ETL Listed
- 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.)

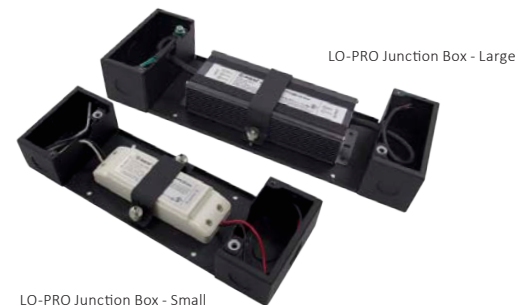
An industry first, this patented UL Listed electrical enclosure meets electrical code requirements and cost saving measures with easy installation of LED power supplies in a wide range of environments. The truly amazing benefit of this enclosure is the UL Listed junction box and driver combination with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

UL LISTED DRIVER OPTION

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

UL Listed Industrial Control Panel Enclosure UL Standard 508A-

Have confidence in your commercial, industrial or residential installation environment with a ready-to-use electrical enclosure that meets UL requirements for containing a power supply, controller or other electrical device.



SKU	DESCRIPTION	ENVIRONMENT	DIMENSIONS
DI-JBOX-LPS	LO-PRO Junction Box - Small	Outdoor / Indoor	11.25 x 3.75 x 1.8 in.
DI-JBOX-LPL	LO-PRO Junction Box - Large	Outdoor / Indoor	13.5 x 4.5 x 2.25 in.



A



B



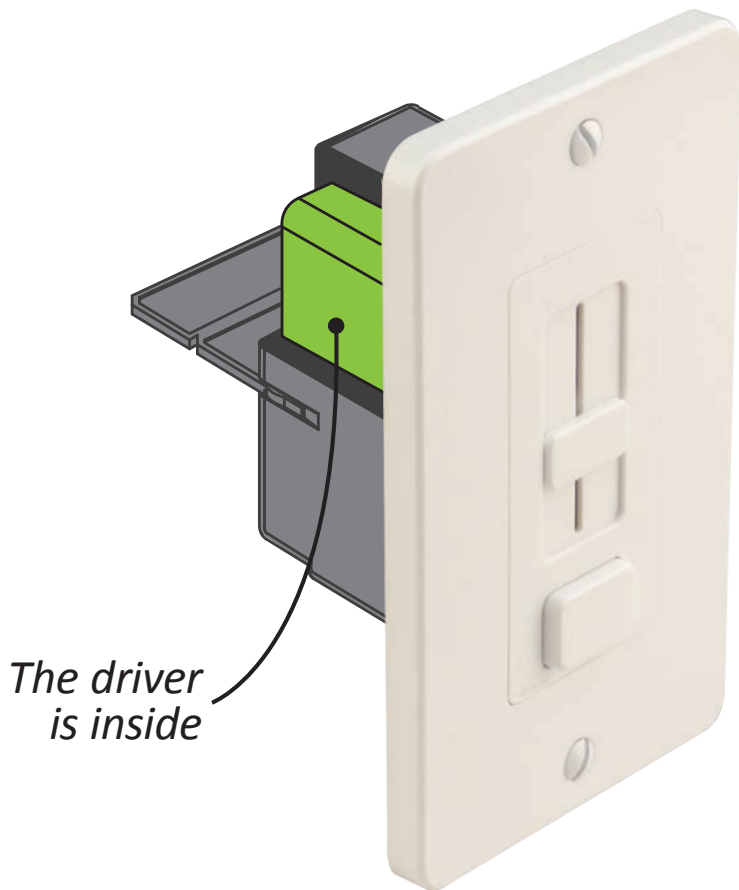
C



D

LED POWER SUPPLIES

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



A VLM SERIES MICRO DRIVER

The smallest driver with the biggest power
(Page 169)

B DMX DECODER WITH BUILT-IN LED DRIVER

Works with DMX-512 systems and powers your color-changing lighting
(Page 170)

C LO-PRO® JUNCTION BOX

Make your driver UL listed! Look for the UL Driver option
(Page 150)

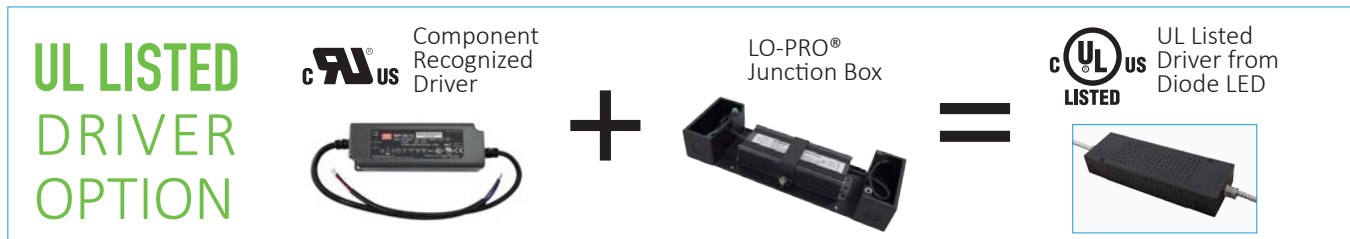
D OMNIDRIVE® 2

Our number one dimmable driver is now available with an integrated junction box
(Page 160)

E SWITCHEX®

A driver and dimmer-in-one
(Page 156)

LO-PRO® JUNCTION BOX & DRIVER COMBO



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

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

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

MULTIPLE UL CERTIFICATIONS

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

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

UL 508A (UL# E486215) INDUSTRIAL CONTROL PANEL

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

UL 1598 (UL# E485321) LUMINAIRE FITTING

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

QUICK SPECS

Environment	Indoor
Knockouts	8x 0.75 in. knockouts
Material	Powder-coated stainless steel
Certification	UL Listed 1598, 508A & 1598

Stainless Steel Construction

Durable, powder-coated and corrosion-resistant.

Modular Mounting

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

Three-Sided Ventilation

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

8x Knockouts

Connection to conduit entry is easy with eight (8) knockout options, fitting 0.75 in. strain reliefs.

Available In 2 Sizes

LO-PRO Box is available in two (2) sizes to fit small or large power supplies and other electrical equipment.

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

PATENTED

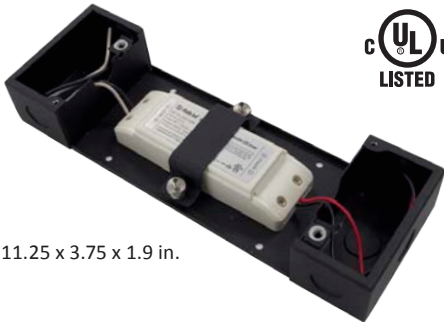
GET STARTED WITH YOUR UL LISTED DRIVER OPTION

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

LO-PRO® JUNCTION BOX & DRIVER COMBO



LO-PRO® Junction Box - Small



11.25 x 3.75 x 1.9 in.

LO-PRO® Junction Box - Large



13.5 x 4.5 x 2.37 in.

OMNIDRIVE® Electronic Dimmable Drivers

UL DRIVER OPTION (DRIVER/J-BOX COMBO)	WATTAGE	INPUT VOLTAGE	OUTPUT VOLTAGE	PAGE
DI-TD-12V-10W-LPS	10W	120VAC	12VDC	158
DI-TD-12V-20W-LPS	20W			
DI-TD-12V-30W-LPS	30W			
DI-TD-12V-45W-LPL	45W			
DI-TD-12V-60W-LPL	60W			
DI-TD-24V-10W-LPS	10W	120VAC	24VDC	158
DI-TD-24V-20W-LPS	20W			
DI-TD-24V-30W-LPS	30W			
DI-TD-24V-45W-LPL	45W			
DI-TD-24V-60W-LPL	60W			
DI-TD-24V-80W-LPL	80W			

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 277VAC	12VDC	166
DI-DM-MW12V60W-0-10V-LPS	60W			
DI-DM-MW24V60W-0-10V-LPS	60W	120 / 240 277VAC	24VDC	166
DI-DM-MW24V90W-0-10V-LPL	90W			

Constant Voltage Drivers

UL DRIVER OPTION (DRIVER/J-BOX COMBO)	WATTAGE	INPUT VOLTAGE	OUTPUT VOLTAGE	PAGE
DI-0904-LPS	20W	120VAC	12VDC	172
DI-0918-LPS	35W			
DI-0906-LPS	60W			
DI-CV-MW12V40W-277-LPS	40W	120 / 240 277VAC	12VDC	172
DI-CV-MW12V60W-277-LPS	60W			
DI-0970-LPS	35W	120VAC	24VDC	174
DI-CV-MW24V60W-277-LPS	60W	120 / 240 277VAC		
DI-CV-MW24V90W-277-LPL	90W			
DI-0954-LPL	96W			

DIODE LED POWER SUPPLY PRODUCT COMPARISON CHART

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

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	156				
			60W	UL Listed						
		24VDC	60W	UL Listed						
			100W	UL Listed						
		OMNIDRIVE® Electronic Dimmable Drivers Compatible with a wide range of dimmers and is designed to eliminate LED flicker.	120VAC	12VDC			10W	UL Listed	Indoor	158
							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								
	60W	UL Listed								
	80W	UL Listed	Indoor/ Outdoor							
OMNIDRIVE® 2 Electronic Dimmable Drivers With Enclosure The next generation of our best selling driver is here! This enhanced driver features even greater dimming range, industry-leading technology and comes in a UL Listed enclosure.	120VAC	12VDC	120W	ETL Listed	Indoor	160				
			200W	ETL Listed						
			24W	ETL Listed						
			60W	ETL Listed						
			24VDC	96W			ETL Listed			
		120W		ETL Listed						
		200W		ETL Listed						

CONTINUED ON NEXT PAGE

Diode LED Power Supply Product Comparison Chart

PRODUCT	INPUT VOLTAGE	OUTPUT VOLTAGE	WATTAGE	CERTIFICATIONS	ENVIRONMENT	PAGE
Magnetic Dimmable Drivers These dimmable drivers enable installation of low-voltage LED fixtures and can be dimmed with a 120V MLV dimmer switch. Higher wattage and multi-tap version are available for larger applications.	120VAC	12VDC	20W	ETL Listed	Indoor/ Outdoor	162
			40W	ETL Listed		
			60W	ETL Listed		
			100W	ETL Listed		
			120W Multi-tap	ETL Listed		
			180W Multi-tap	ETL Listed		
			200W	ETL Listed		
			300W Multi-tap	ETL Listed		
	277VAC	12VDC	20W	ETL Listed		
			60W	ETL Listed		
			100W	ETL Listed		
			200W	ETL Listed		
			300W	ETL Listed		
	120VAC	24VDC	40W	ETL Listed	Indoor/ Outdoor	
96W			ETL Listed			
192W Multi-tap			ETL Listed			
200W			ETL Listed			
288W Multi-tap			ETL Listed			
277VAC	24VDC	40W	ETL Listed			
		96W	ETL Listed			
		200W	ETL Listed			
		300W	ETL Listed			
		40W (L3D)	UL Listed	Indoor		
Lutron® Hi-lume™ Dimmable LED Drivers Provides smooth, flicker-free dimming with the use of Lutron® 2-wire and 3-wire controls for 12V and 24VDC sources up to 96W.	120VAC	12VDC	40W (LTE)	UL Listed	Indoor	
	120/240/277VAC		40W (L3D)	UL Listed	Indoor	
	120VAC	24VDC	40W (L3D)	UL Listed	Indoor	
	120/240/277VAC		40W (LTE)	UL Listed	Indoor	
	120/240/277VAC		96W (L3DO)	UL Listed	Indoor	
0-10V Dimmable Driver 0-10V Drivers are essential components for retrofitting low-voltage LED fixtures in 0-10V control systems.	120/240/277VAC	12VDC	40W	Component Recognized, UL Listed (optional)	Indoor/ Outdoor	
			60W	Component Recognized, UL Listed (optional)		
			60W	Component Recognized		
	120/240/277VAC	24VDC	60W	Component Recognized, UL Listed (optional)		
			90W	Component Recognized, UL Listed (optional)		
			100W	Component Recognized		

CONTINUED ON NEXT PAGE

Diode LED Power Supply Product Comparison Chart

PRODUCT	INPUT VOLTAGE	OUTPUT VOLTAGE	WATTAGE	CERTIFICATIONS	ENVIRONMENT	PAGE	
VLM Series Constant Voltage Micro-Driver The smallest driver with the greatest power.	120/ 277VAC	12VDC	60W	UL Listed	Indoor	169	
			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 Constant Voltage LED Drivers are the easiest drivers to use in most situations. Check specifications for dimming options.	120/240VAC	12VDC	12W	Component Recognized	Indoor/ Outdoor	172
				20W	Component Recognized, UL Listed (optional)	Indoor/ Outdoor	
				25W	Component Recognized	Indoor	
				35W	Component Recognized, UL Listed (optional)	Indoor/ Outdoor	
60W				Component Recognized, UL Listed (optional)	Indoor/ Outdoor		
120VAC		120W	Component Recognized	Indoor/ Outdoor			
120/240VAC		150W	Component Recognized	Indoor			
		200W	Component Recognized	Indoor			
		300W	Component Recognized	Indoor			
		40W	Component Recognized, UL Listed (optional)	Indoor/ Outdoor			
	60W	Component Recognized, UL Listed (optional)	Indoor/ Outdoor				
120/240VAC	24VDC	60W	Component Recognized, UL Listed (optional)	Indoor/ Outdoor			
		35W	Component Recognized, UL Listed (optional)	Indoor/ Outdoor			
		150W	Component Recognized	Indoor/ Outdoor			
		200W	Component Recognized	Indoor			
		330W	Component Recognized	Indoor/ Outdoor			
120/ 240/ 277VAC	60W	Component Recognized, UL Listed (optional)	Indoor/ Outdoor				
	60W	Component Recognized, UL Listed (optional)	Indoor/ Outdoor				
	90W	Component Recognized, UL Listed (optional)	Indoor/ Outdoor				
	96W	Component Recognized, UL Listed (optional)	Indoor/ Outdoor				
	6W	UL Listed	Indoor	176			
12W	UL Listed						
24W	UL Listed						
36W	UL Listed						
60W	UL Listed						
Plug-In Adapters A portable power supply option for temporary and short-term applications. Fixtures can be dimmed with inline Pulse Width Modulation (PWM) dimmers.	120/240VAC	24VDC	12W	UL Listed	Indoor	178	
			24W	UL Listed			
			48W	UL Listed			
			90W	UL Listed			
			96W	UL Listed			

TAPE LIGHT DRIVER FINDER

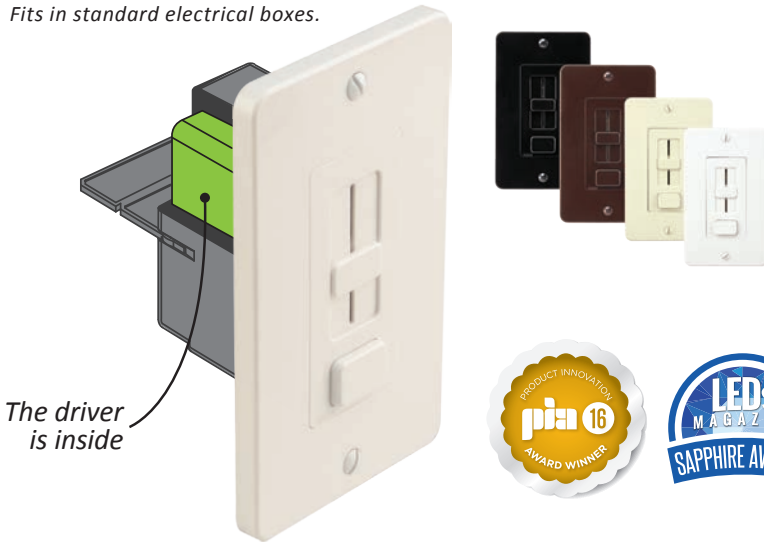
Use the DRIVER FINDER chart to find the best driver to meet your tape light run.

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									
FLUID VIEW 1.44W/FT	12V	≤ 6 ft.	≤ 13 ft.	≤ 20 ft.	≤ 27 ft.	≤ 31 ft.	≤ 37 ft. max		
	24V	≤ 6 ft.	≤ 13 ft.	≤ 20 ft.	≤ 27 ft.	≤ 31 ft.	≤ 41 ft.	≤ 55 ft.	≤ 67 ft. Max
AVENUE 24 2.09W/FT	-								
	24V	≤ 4 ft.	≤ 9 ft.	≤ 14 ft.	≤ 19 ft.	≤ 21 ft.	≤ 28 ft.	≤ 38 ft.	≤ 40 ft. Max
VALENT 2.2W/FT	12V	≤ 4 ft.	≤ 9 ft.	≤ 13 ft.	≤ 18 ft.	≤ 20 ft.	≤ 27 ft.		
	-								
BLAZE 2.88W/FT	12V	≤ 3 ft.	≤ 6 ft.	≤ 10 ft.	≤ 13 ft.	≤ 15 ft.	≤ 20 ft.	≤ 27 ft.	≤ 34 ft.
	24V	≤ 3 ft.	≤ 6 ft.	≤ 10 ft.	≤ 13 ft.	≤ 15 ft.	≤ 20 ft.	≤ 27 ft.	≤ 34 ft.
ULTRA BLAZE 4.32W/FT	12V	≤ 2 ft.	≤ 4 ft.	≤ 6 ft.	≤ 9 ft.	≤ 10 ft.	≤ 13 ft.	≤ 16.4 ft. Max	
	24V	≤ 2 ft.	≤ 4 ft.	≤ 6 ft.	≤ 9 ft.	≤ 10 ft.	≤ 13 ft.	≤ 18 ft.	≤ 20 ft. Max
VALENT HD 4.4W/FT	12V	≤ 2 ft.	≤ 4 ft.	≤ 6 ft.	≤ 9 ft.	≤ 10 ft.	≤ 13 ft.	≤ 16.4 ft. Max	
	-								
DOUBLE BLAZE 5.75W/FT	12V	≤ 1.5 ft.	≤ 3 ft.	≤ 5 ft.	≤ 6 ft.	≤ 7 ft.	≤ 9.5 ft. Max		
	24V	≤ 1.5 ft.	≤ 3 ft.	≤ 5 ft.	≤ 6 ft.	≤ 7 ft.	≤ 10 ft.	≤ 13 ft.	≤ 17 ft.
VALENT X 7.46W/FT	-								
	24V	≤ 1 ft.	≤ 2.5 ft.	≤ 4 ft.	≤ 5 ft.	≤ 6 ft.	≤ 8 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 2.7W/FT	-								
	24V	≤ 3.5 ft.	≤ 7 ft.	≤ 11 ft.	≤ 14 ft.	≤ 16 ft.	≤ 22 ft.	≤ 29 ft.	≤ 32.8 ft. Max
"BLAZE NEON 4.4W/FT"	-								
	24V	≤ 2 ft.	≤ 4.5 ft.	≤ 6.5 ft.	≤ 9 ft.	≤ 10 ft.	≤ 13.5 ft.	≤ 16.4 ft. Max	≤ 16.4 ft. Max

SWITCHEX® Driver + Dimmer Switch

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

Fits in standard electrical boxes.



The driver is inside

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

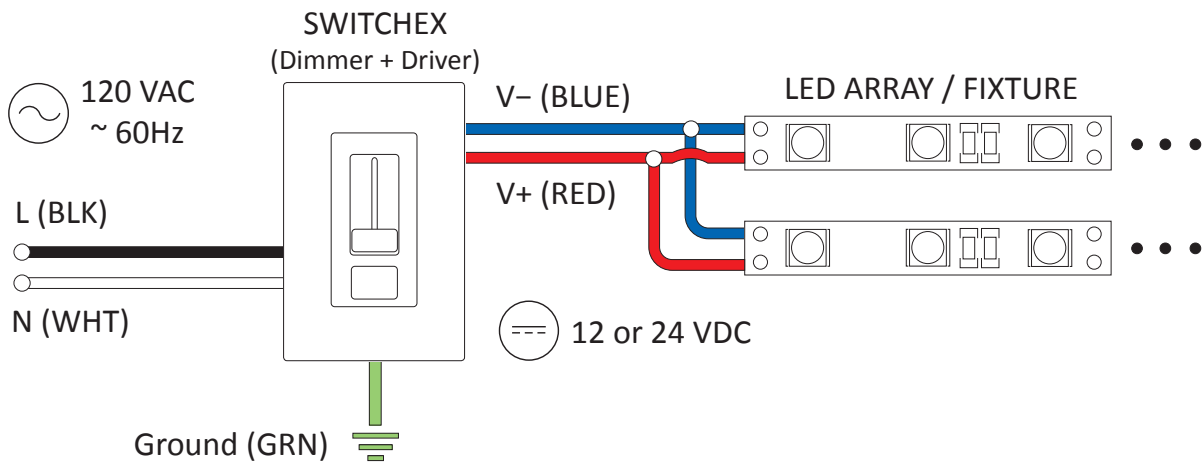
Environment	Indoor
Input Voltage	120VAC
Output Voltage	12VDC & 24VDC models
Connection Type	Hardwire
Mounting	Single-Gang Box
Certifications	UL Listed 2108



WINNER OF THE ARCHITECTURAL SSL PRODUCT INNOVATION AWARD

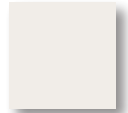
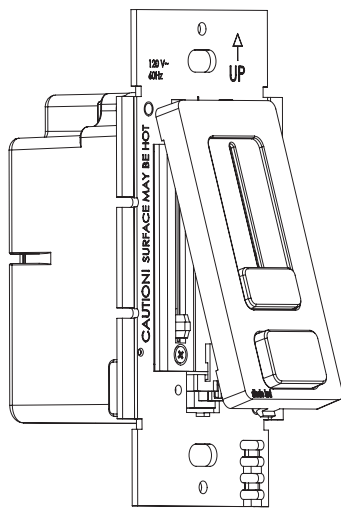


SWITCHEX® Driver and Dimmer Switch Diagram



See page 180 for technical notes applicable to all system diagrams. Diagrams are subject to change.

SWITCHEX® Options



GLOSSY WHITE



GLOSSY LIGHT ALMOND



GLOSSY DARK BROWN



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

SWITCHEX Driver + Dimmer Switch

VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

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



SWITCHEX Trim Plate

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

OMNIDRIVE® Electronic Dimmable Drivers

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

FEATURES & BENEFITS

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

QUICK SPECS

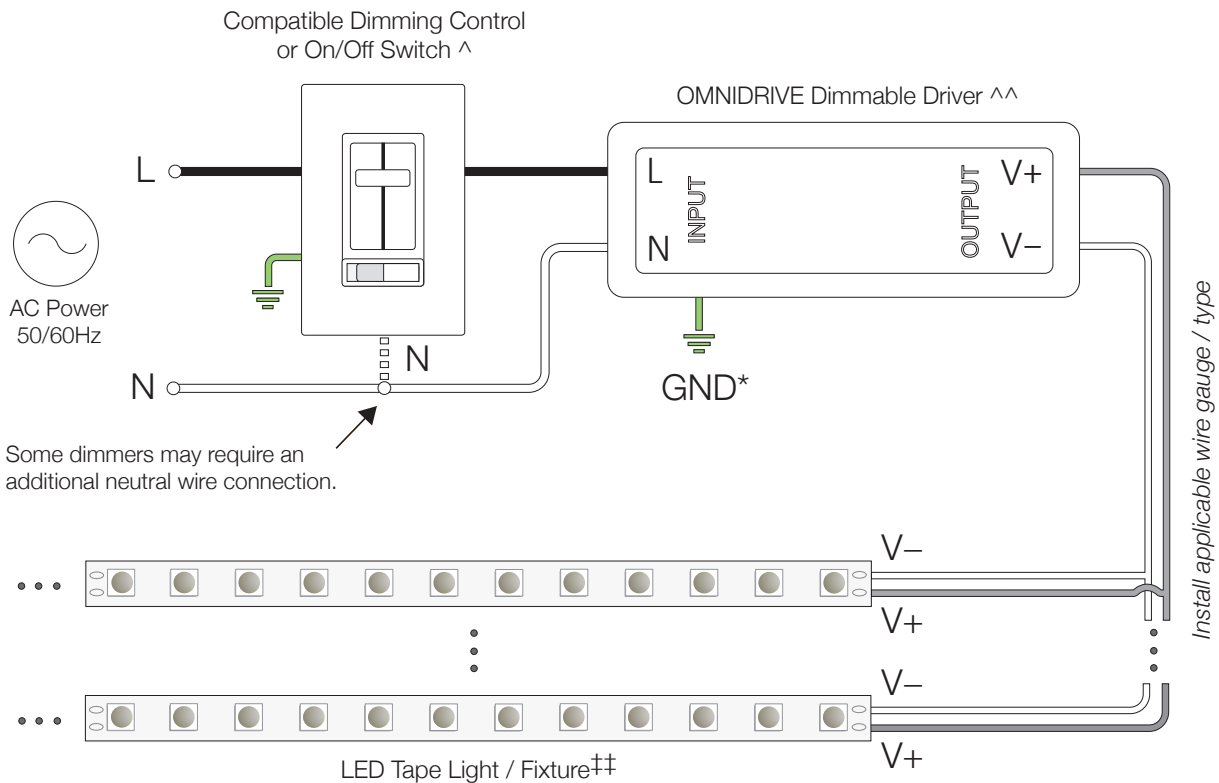
Environment	Indoor & outdoor models
Input Voltage	120VAC
Output Voltage	12VDC & 24VDC models
Connection Type	Hardwire
Dimming	Forward Phase & Reverse Phase Dimming
Certification	UL Listed



COMPATIBILITY NOTE

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

OMNIDRIVE® Electronic Dimmable Driver Diagram



See page 180 for technical notes applicable to all system diagrams. Diagrams are subject to change.

OMNIDRIVE® Driver Model Options

LO-PRO® JUNCTION BOX & DRIVER COMBO

Place your order using the UL DRIVER OPTION in the table below for a fully certified (UL 2108) power supply with junction box. See page 150 for details.



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



5.5 x 1.8 x 1.1 in.



7 x 2.3 x 1.4 in.



7.9 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	5.5 x 1.8 x 1.1 in.
	DI-TD-12V-20W	DI-TD-12V-20W-LPS	20W	Indoor	5.5 x 1.8 x 1.1 in.
	DI-TD-12V-30W	DI-TD-12V-30W-LPS	30W	Indoor	7 x 2.3 x 1.4 in.
	DI-TD-12V-45W	DI-TD-12V-45W-LPL	45W	Indoor	7 x 2.3 x 1.4 in.
	DI-TD-12V-60W	DI-TD-12V-60W-LPL	60W	Indoor	7.9 x 2.7 x 1.8 in.
	DI-TD-12V-80W	N/A	80W	Indoor	7.9 x 2.7 x 1.8 in.
	DI-TD-12V-120W	N/A	120W	Indoor	7.9 x 2.7 x 1.8 in.

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	5.5 x 1.8 x 1.1 in.
	DI-TD-24V-20W	DI-TD-24V-20W-LPS	20W	Indoor	5.5 x 1.8 x 1.1 in.
	DI-TD-24V-30W	DI-TD-24V-30W-LPS	30W	Indoor	7 x 2.3 x 1.4 in.
	DI-TD-24V-45W	DI-TD-24V-45W-LPL	45W	Indoor	7 x 2.3 x 1.4 in.
	DI-TD-24V-60W	DI-TD-24V-60W-LPL	60W	Indoor	7.9 x 2.7 x 1.8 in.
	DI-TD-24V-80W	DI-TD-24V-80W-LPL	80W	Indoor	7.9 x 2.7 x 1.8 in.
	DI-TD-24V-120W	N/A	120W	Indoor	7.9 x 2.7 x 1.8 in.

OMNIDRIVE® 2 Electronic Dimmable Drivers

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

FEATURES & BENEFITS

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

QUICK SPECS

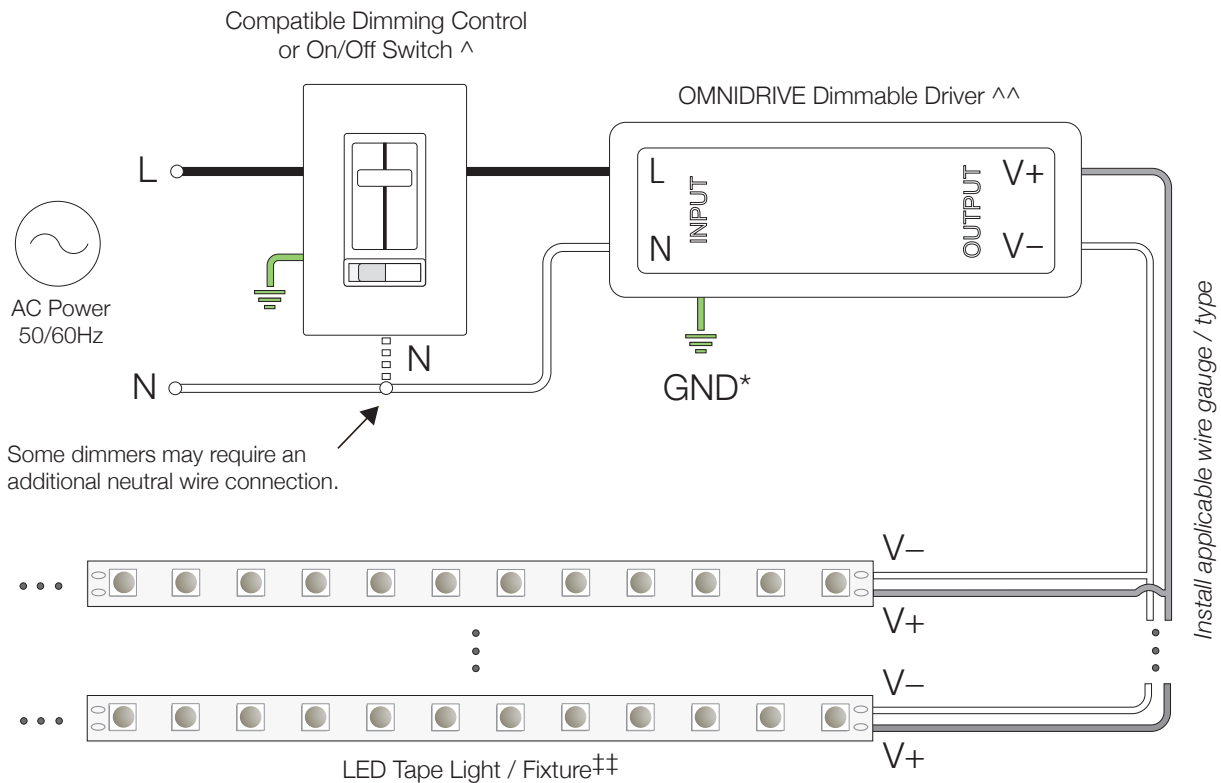
Environment	Indoor
Input Voltage	120VAC
Output Voltage	12VDC & 24VDC models
Connection Type	Hardwire
Dimming	Forward Phase & Reverse Phase Dimming
Certification	ETL Listed



COMPATIBILITY NOTE

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

OMNIDRIVE® 2 Electronic Dimmable Driver Diagram



See page 180 for technical notes applicable to all system diagrams. Diagrams are subject to change.

OMNIDRIVE® 2 Driver Model Options



13.75 x 3 x 1.6 in.



15 x 3.1 x 2.4 in.



16.1 x 3.4 x 2.4 in.

12V OMNIDRIVE 2

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

OUTPUT	SKU	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS
12VDC	DI-OD2-12V24W	24W	Yes	Indoor	13.75 x 3 x 1.6 in.
	DI-OD2-12V60W	60W	Yes	Indoor	13.75 x 3 x 1.6 in.
	DI-OD2-12V120W	120W	-	Indoor	15 x 3.10 x 2.4 in.
	DI-OD2-12V200W	200W	-	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	-	Indoor	15 x 3.1 x 2.4 in.
	DI-OD2-24V200W	200W	-	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

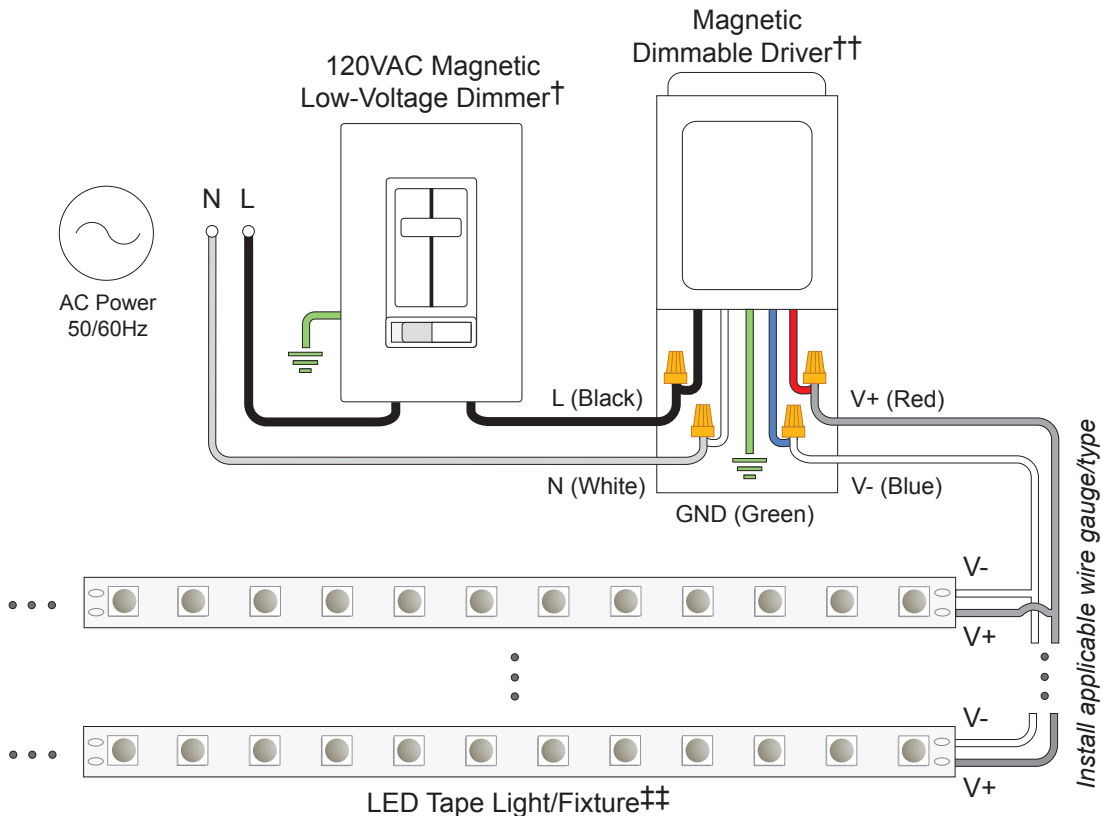
Environment	Indoor/Outdoor
Input Voltage	120VAC & 277VAC options
Output Voltage	12VDC & 24VDC models
Connection Type	Hardwire
Dimming	Forward Phase Dimming
Certification	ETL Listed



COMPATIBILITY NOTE

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

Magnetic Dimmable Driver Diagram



See page 180 for technical notes applicable to all system diagrams. Diagrams are subject to change.

Magnetic Dimmable Driver Model Options



2.2 x 2.2 x 5.6 in.



5.6 x 2.25 x 2.2 in.



6.6 x 2.6 x 2.3 in.



9.8 x 3 x 3 in.



9.8 x 4.2 x 3.5 in.

12V Magnetic Dimmable Driver

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

INPUT VOLTAGE	OUTPUT	SKU	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS
120VAC	12VDC	DI-0920	20W	Yes	Outdoor/Indoor	2.2 x 2.2 x 5.6 in.
		DI-DM-12V40W	40W	Yes	Outdoor/Indoor	5.6 x 2.25 x 2.2 in.
		DI-0922	60W	Yes	Outdoor/Indoor	6.6 x 2.6 x 2.3 in.
		DI-0925	100W	-	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	-	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	-	Outdoor/Indoor	9.8 x 3 x 3 in.
		DI-DM-12V200W-277	200W	-	Outdoor/Indoor	9.8 x 4.2 x 3.5 in.
		DI-DM-12V300W-277	300W	-	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	-	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	-	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	-	Outdoor/Indoor	9.8 x 4.2 x 3.5 in.
		DI-DM-24V300W-277	300W	-	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 Inline 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



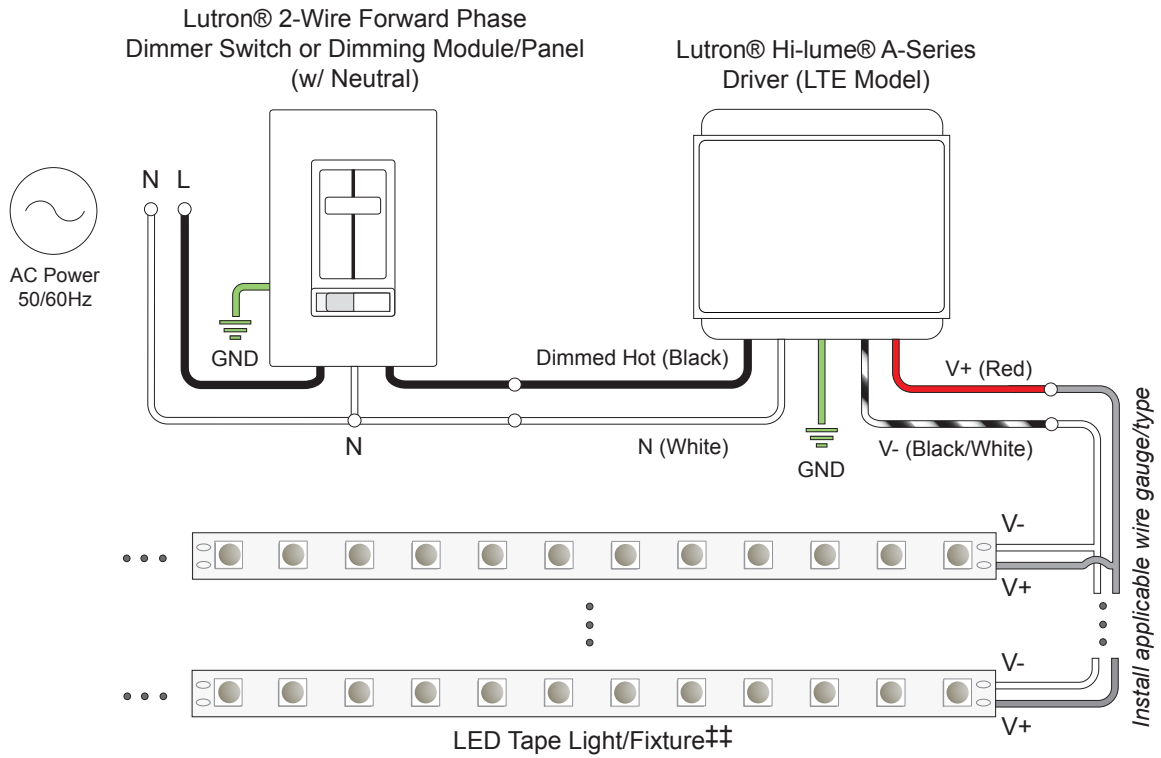
Hi-lume 0.1% L3DO LED driver

VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

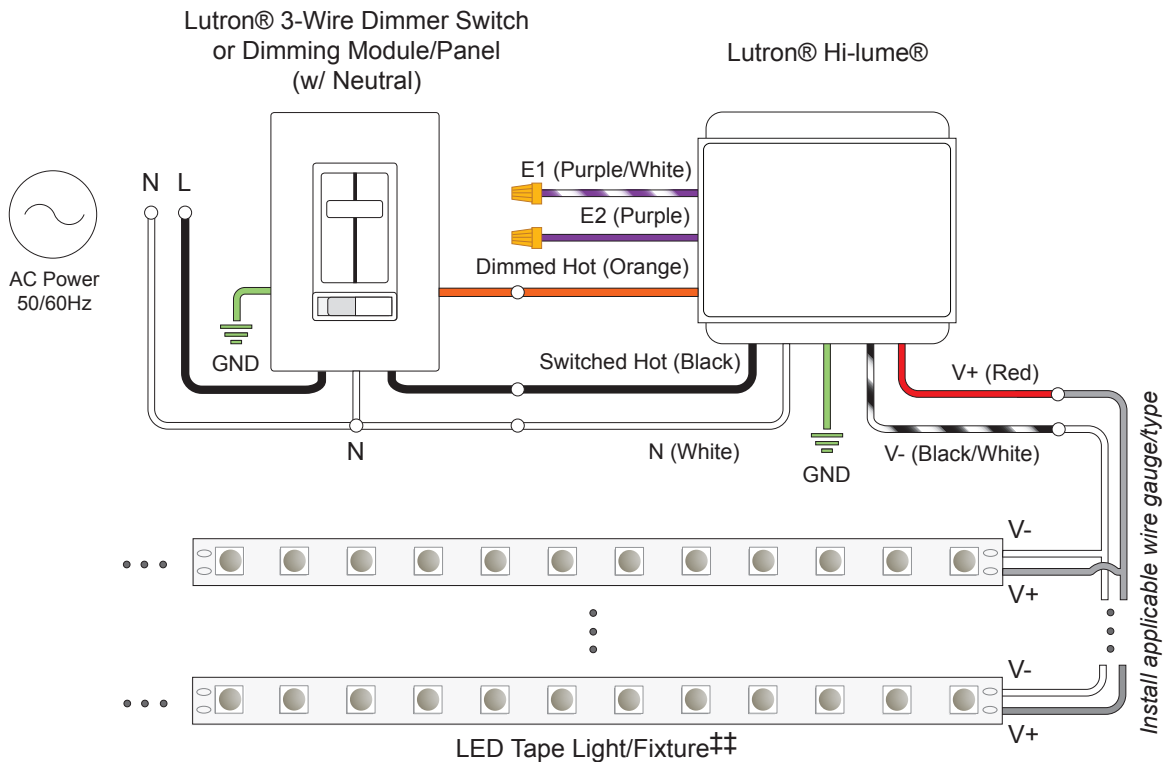
INPUT	OUTPUT	WATTAGE	SKU	DIMENSIONS
120/ 240/ 277VAC	24VDC	96W	DI-DM-24V96W-L3D	10.5 x 5.5 x 2.0 in.

- 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 & L3D0 Driver Diagram



See page 180 for technical notes applicable to all system diagrams. Diagrams are subject to change.

0-10V Dimmable LED Drivers

Ideal for commercial applications, 0-10V Dimmable LED Drivers are essential components when retro-fitting to low-voltage LED fixtures in 0-10V control systems. Ideal for most installations, these drivers are rated for wet and dry locations and allows for superior dimming performance with its continuous 100-1% range. Visit the product page on the website for a full list of compatible systems.

FEATURES & BENEFITS

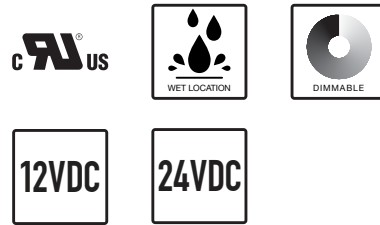
- Flicker-free dimming
- Commercial retrofit applications
- 12V and 24V models
- Class 2 compliant

QUICK SPECS

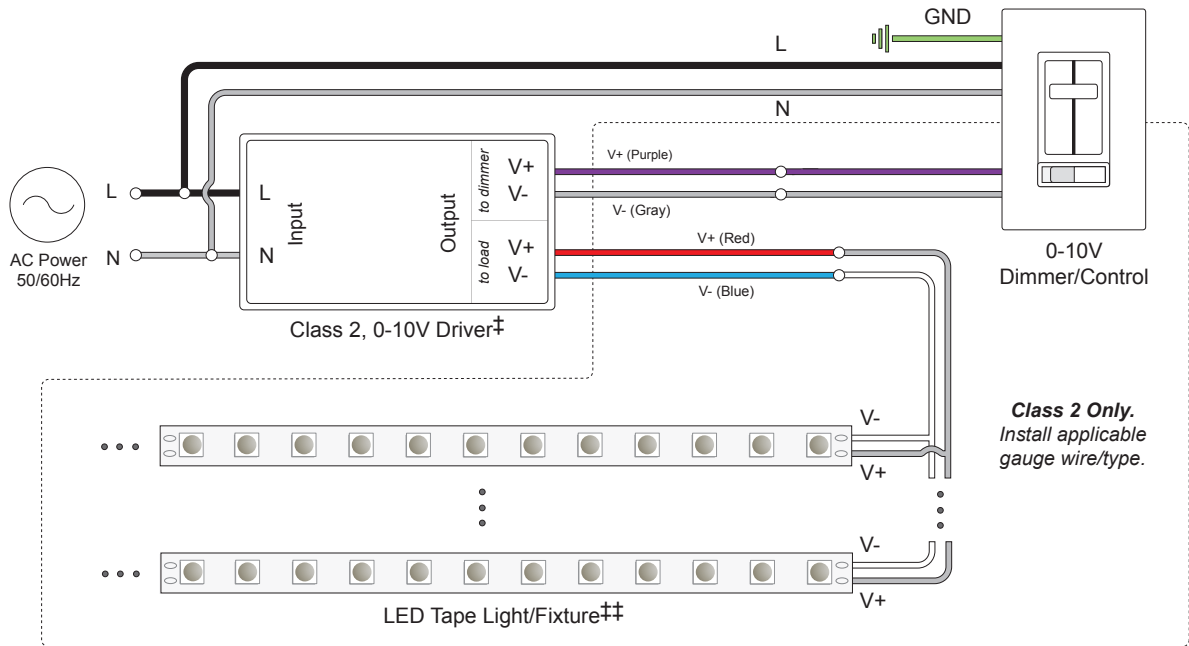
Environment	Indoor/Outdoor
Input Voltage	120/240/277VAC
Output Voltage	12VDC & 24VDC models
Connection Type	Hardwire
Dimming	0-10V dimming systems
Certification	Component Recognized

COMPATIBILITY NOTE

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



0-10V Dimmable Driver System Diagram (No Relay Module)



See page 180 for technical notes applicable to all system diagrams. Diagrams are subject to change.

0-10V Dimmable LED Driver Model Options

LO-PRO® JUNCTION BOX & DRIVER COMBO

Place your order using the UL DRIVER OPTION in the table below for a fully certified (UL 2108) power supply with junction box. See page 150 for details.



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

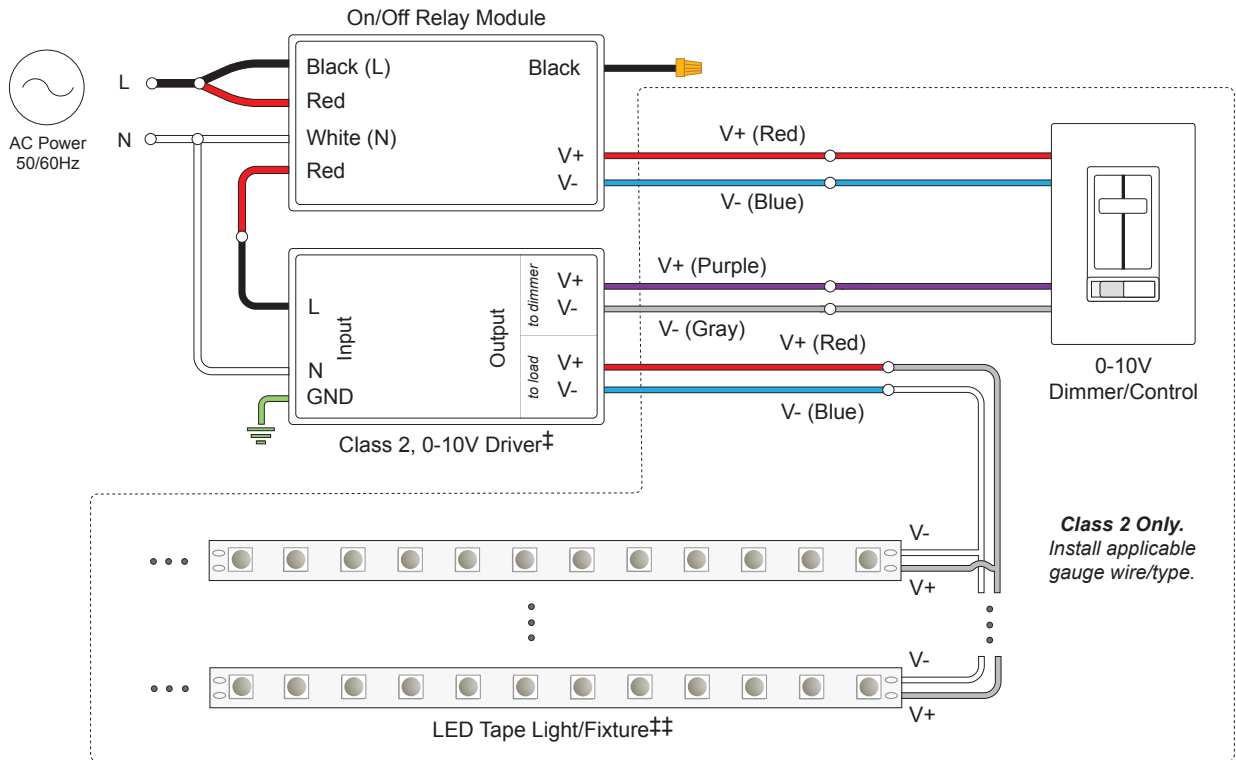


0-10V Commercial Grade Dimmable Drivers

VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

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

0-10V Dimmable Driver System Diagram (With Relay Module)



See page 180 for technical notes applicable to all system diagrams. Diagrams are subject to change.

THE SMALLEST DRIVER IN THE INDUSTRY

VLM SERIES Constant Voltage Driver

12VDC/24VDC/48VDC 60W & 100W



COMPARATIVE CONSTANT VOLTAGE DRIVER SIZES

* Driver size based on 100W model

SMALL SIZE, BIG POWER:

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

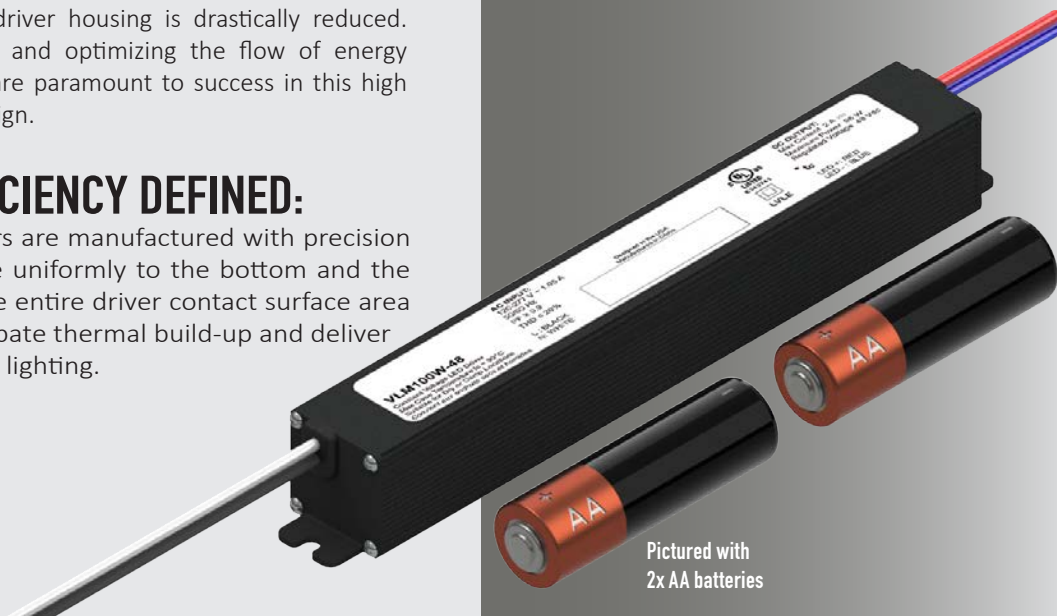
DESIGNED IN PACE WITH THE INDUSTRY:

LED lighting technology and quality are advancing every year. Now is the time for 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 this high density yet compact design.

THERMAL EFFICIENCY DEFINED:

VLM Series LED Drivers are manufactured 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.

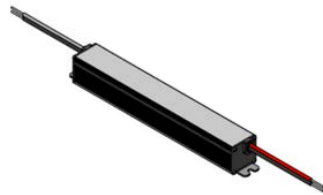
YOU WON'T FIND ANOTHER DRIVER THIS SMALL WITH THIS MUCH POWER!



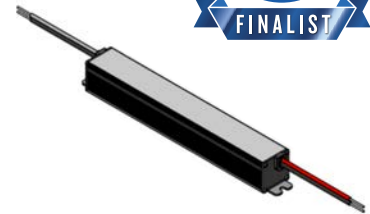
VLM Series LED Driver Model Options



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



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



12V VLM Constant Voltage Driver

VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

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

24V VLM Constant Voltage Driver

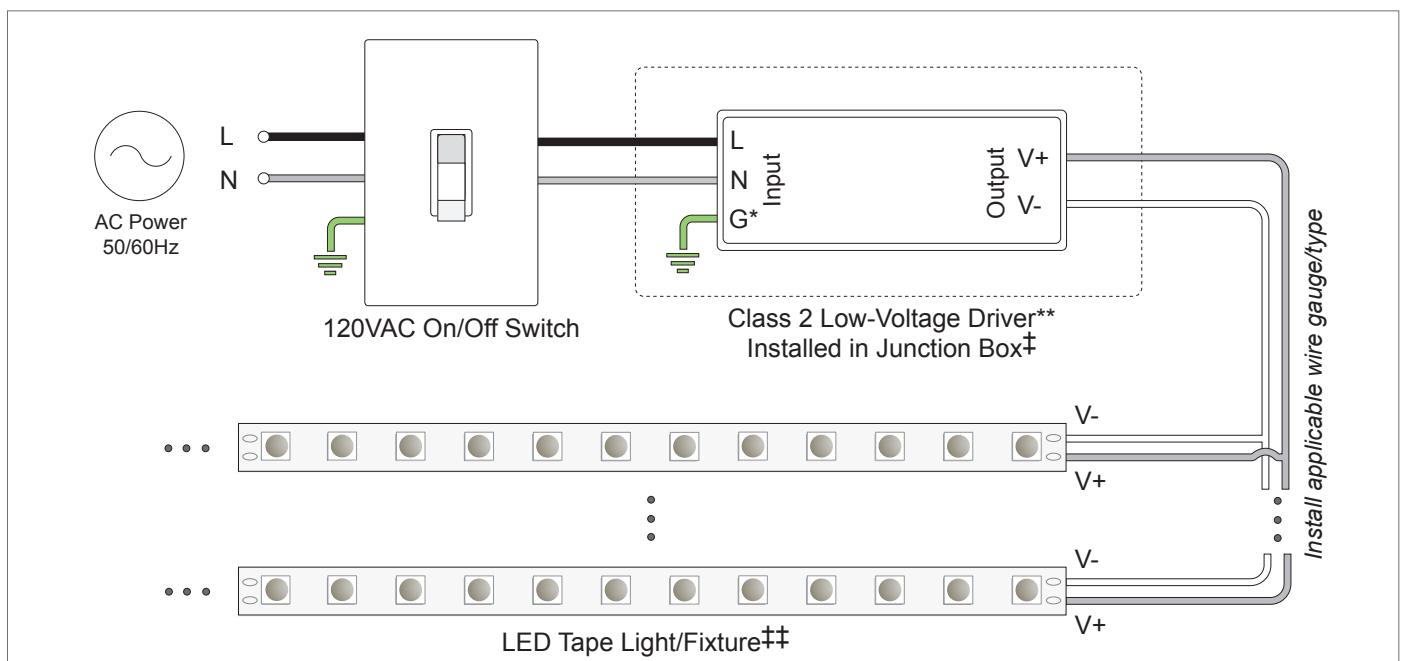
VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

INPUT	OUTPUT	SKU	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS
120/ 277VAC	24VDC	VLM60W-24	60W	Yes	Indoor	L 5.12 x W 0.75 x H 0.75 in
		VLM100W-24	100W	No	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	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS
120/ 277VAC	48VDC	VLM60W-48	60W	No	Indoor	L 5.12 x W 0.75 x H 0.75 in
		VLM100W-48	100W	No	Indoor	L 5.39 x W 1 x H 0.75 in



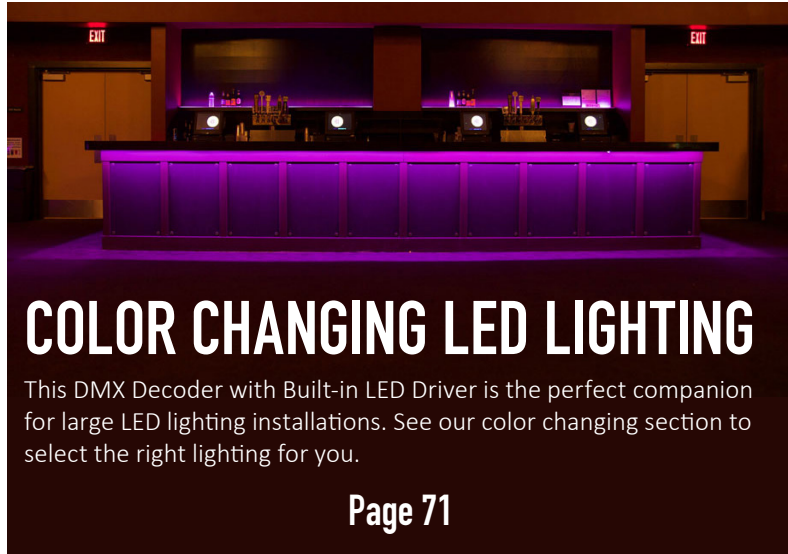
See page 180 for technical notes applicable to all system diagrams. Diagrams are subject to change.

DMX Decoder with Built-in 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

- Terminal connections
- Integrated DMX 512 decoder
- Commercial and residential applications

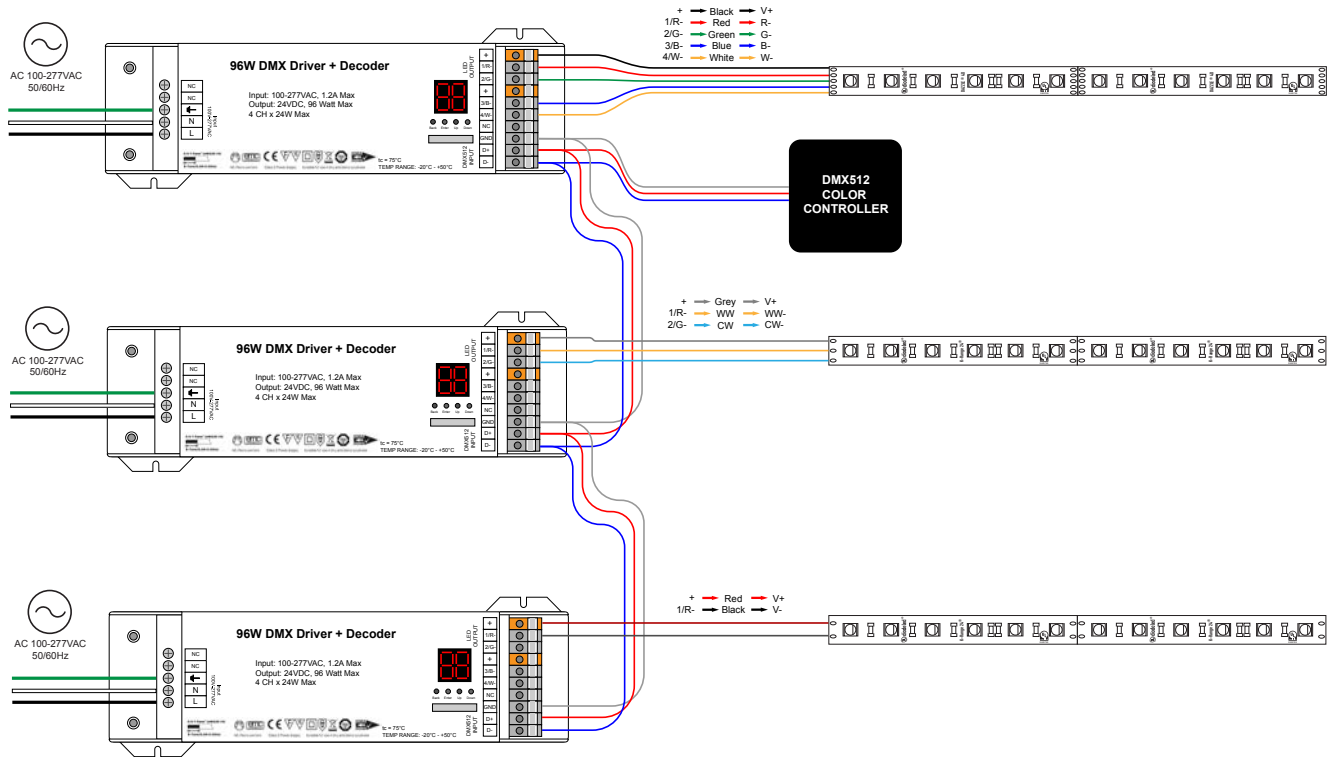


QUICK SPECS

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



DMX Driver Diagram



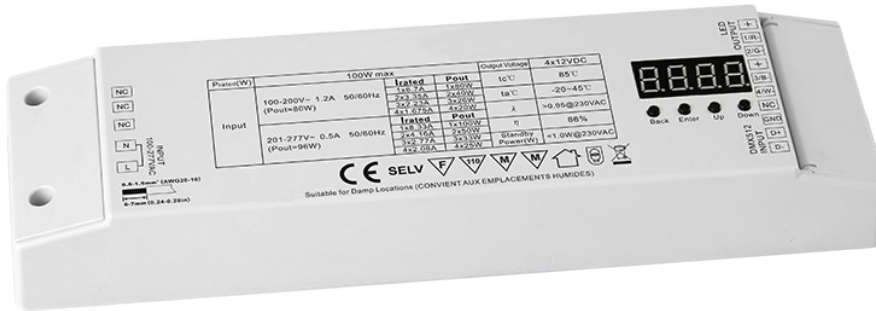
DMX Decoder with Built-in LED Driver

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 150 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

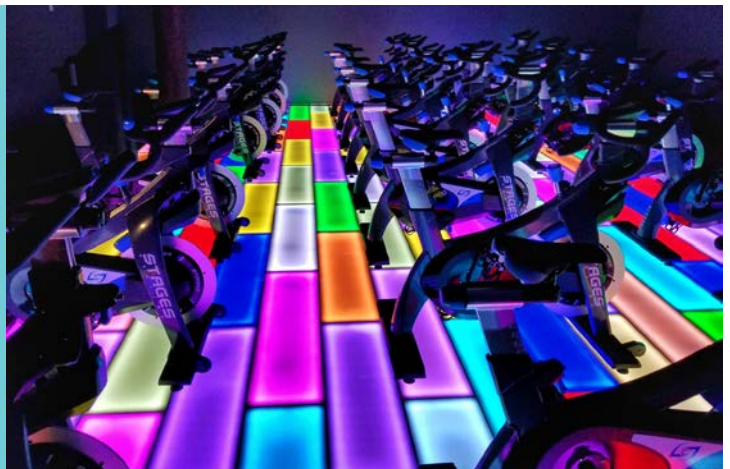
INPUT	OUTPUT	SKU (DRIVER ONLY)	UL DRIVER OPTION (DRIVER/J-BOX COMBO)	WATTAGE	CLASS 2	DIMENSIONS
120/ 277VAC	24VDC	DI-DMX-DCO-24V96W-277	DI-DMX-DCO-24V96W-277-LPL	Up to 96W*	Yes	L 9 x W 2.52 x H 1.25 in.

* 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

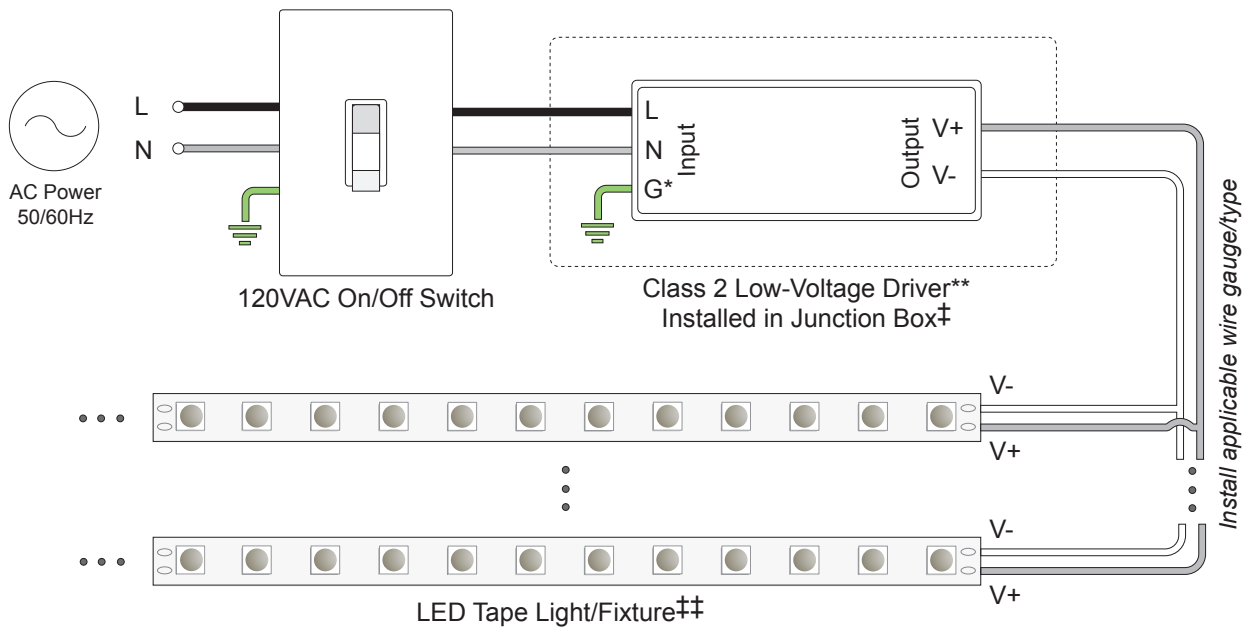
- Hardwired connections
- Indoor and outdoor models
- Dimmable with PWM dimmers on select models
- Commercial and residential applications

QUICK SPECS

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



Basic Hard-Wired On/Off Diagram



See page 180 for technical notes applicable to all system diagrams. Diagrams are subject to change.

12V Constant Voltage LED Driver Model Options

LO-PRO® JUNCTION BOX & DRIVER COMBO

Place your order using the UL DRIVER OPTION in the table below for a fully certified (UL 2108) power supply with junction box. See page 150 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
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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

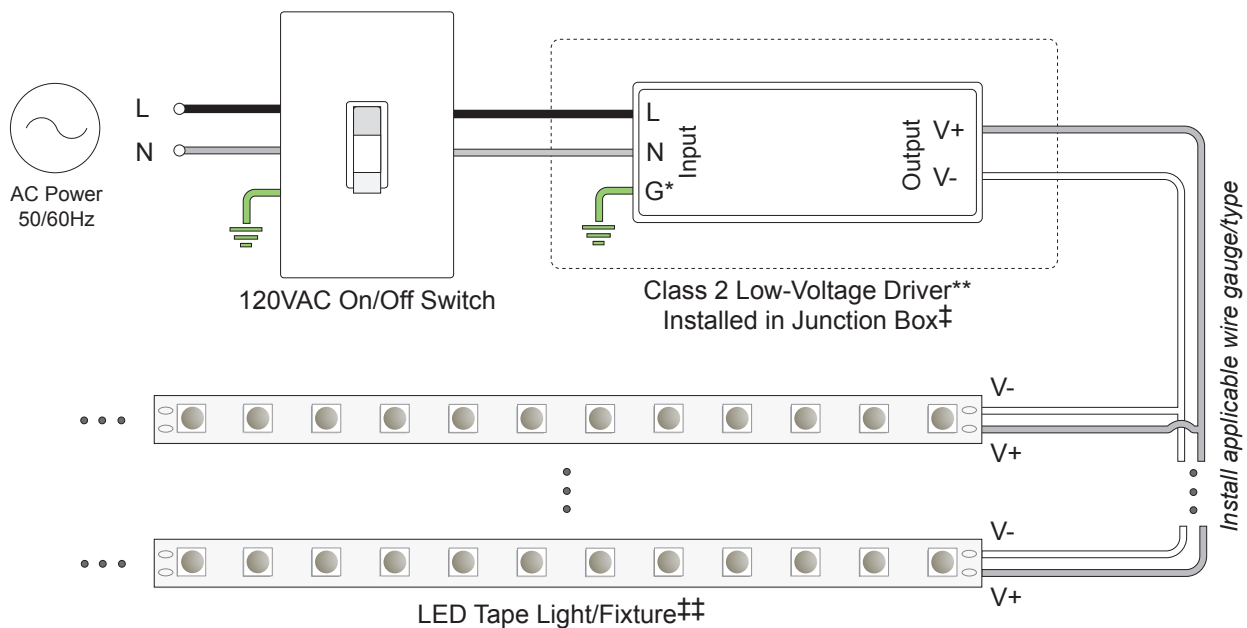
- Hardwired connections
- Indoor and outdoor models
- Dimmable with PWM dimmers on select models
- Commercial and residential applications

QUICK SPECS

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



Basic Hard-Wired On/Off Diagram



See page 180 for technical notes applicable to all system diagrams. Diagrams are subject to change.

24V Constant Voltage LED Driver Model Options

LO-PRO® JUNCTION BOX & DRIVER COMBO

Place your order using the UL DRIVER OPTION in the table below for a fully certified (UL 2108) power supply with junction box. See page 150 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	Outdoor/Indoor	7.83 x 3.90 x 2 in.
	120/ 240/ 277VAC	DI-DV-24V60W-277	N/A	60W	PWM Dimmers, On/Off Switches, DMX Systems, RGB Controllers	Outdoor/Indoor	9.5 x 1.7 x 1.14 in.
	120/ 240/ 277VAC	DI-CV-MW24V 60W-277	DI-CV-MW24V 60W-277-LPS	60W	PWM Dimmers, On/Off Switches, DMX Systems, RGB Controllers	Outdoor/Indoor	5.9 x 2.1 x 1.4 in.
	120/ 240/ 277VAC	DI-CV-MW24V 90W-277	DI-CV-MW24V 90W-277-LPL	90W	PWM Dimmers, On/Off Switches, DMX Systems, RGB Controllers	Outdoor/Indoor	6.75 x 2.5 x 1.5 in.
	120/ 240/ 277VAC	DI-0954	DI-0954-LPL	96W	PWM Dimmers, On/Off Switches, DMX Systems, RGB Controllers	Outdoor/Indoor	7.87 x 2.78 x 1.38 in.



Mounting Brackets

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

COMPATIBLE ONLY WITH THESE DRIVERS:

DI-0957
150W

DI-CV-24V330W
330W

12V DC Plug-In Adapters

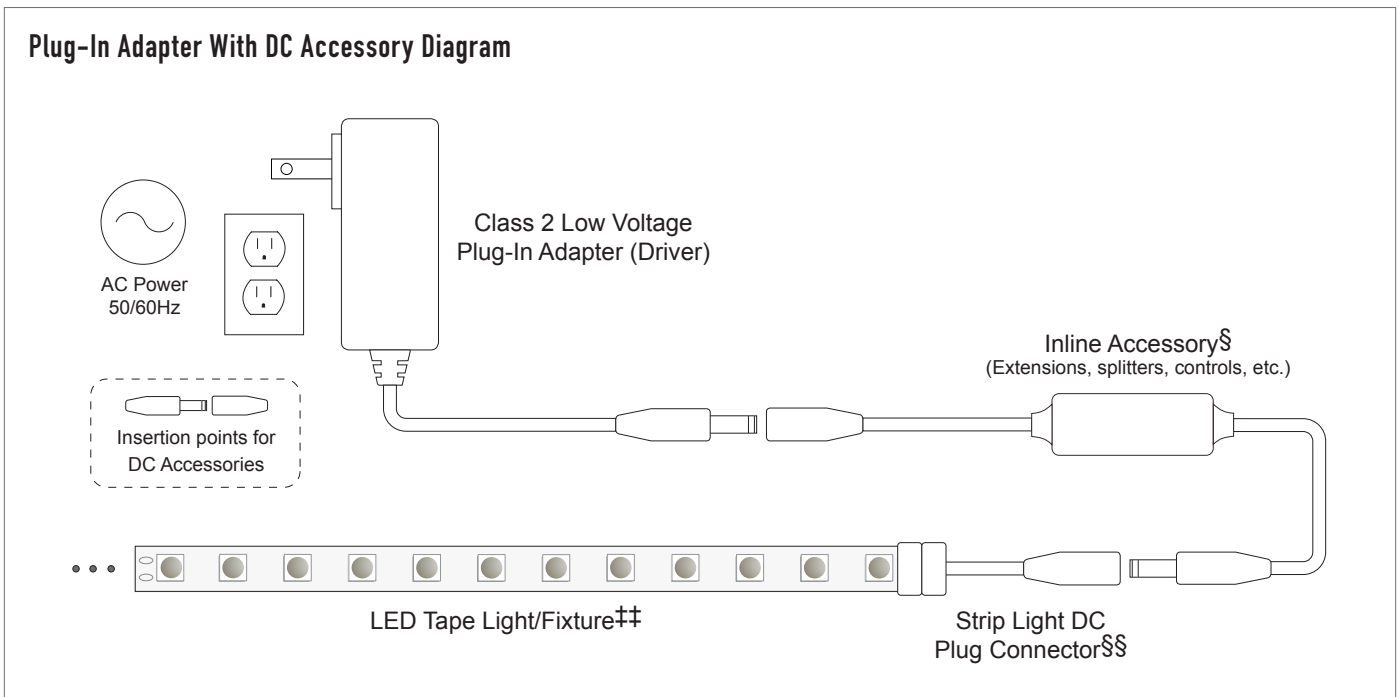
12V DC Plug-In Adapters convert AC voltage to low-voltage of LED light fixtures. An adapter is the right choice if you are installing just a few light fixtures or want to avoid making a permanent installation with a bigger, hard-wired power driver.

FEATURES & BENEFITS

- Compatible with PWM Dimmers, DMX Systems and RGB Controllers
- Black or White finish
- UL Listed

QUICK SPECS

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



See page 180 for technical notes applicable to all system diagrams. Diagrams are subject to change.

12V DC Plug-In Adapter Model Options

12V DC Plug-In Adapters

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

PRODUCT IMAGE	SKU	WATTAGE	CLASS 2 ADAPTER	OUTPUT	COLOR	DIMENSIONS
	DI-0936	6W	-	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	-	12VDC	White	4.7 x 2 x 1.25 in.

12V DC Commercial Grade Plug-In Adapters

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

PRODUCT IMAGE	SKU	WATTAGE	CLASS 2 ADAPTER	OUTPUT	COLOR	DIMENSIONS
	DI-CV-12V60W-OWA	60W	Yes	12VDC	Charcoal	5.1 x 2.1 x 1.4 in.

24V DC Plug-In Adapters

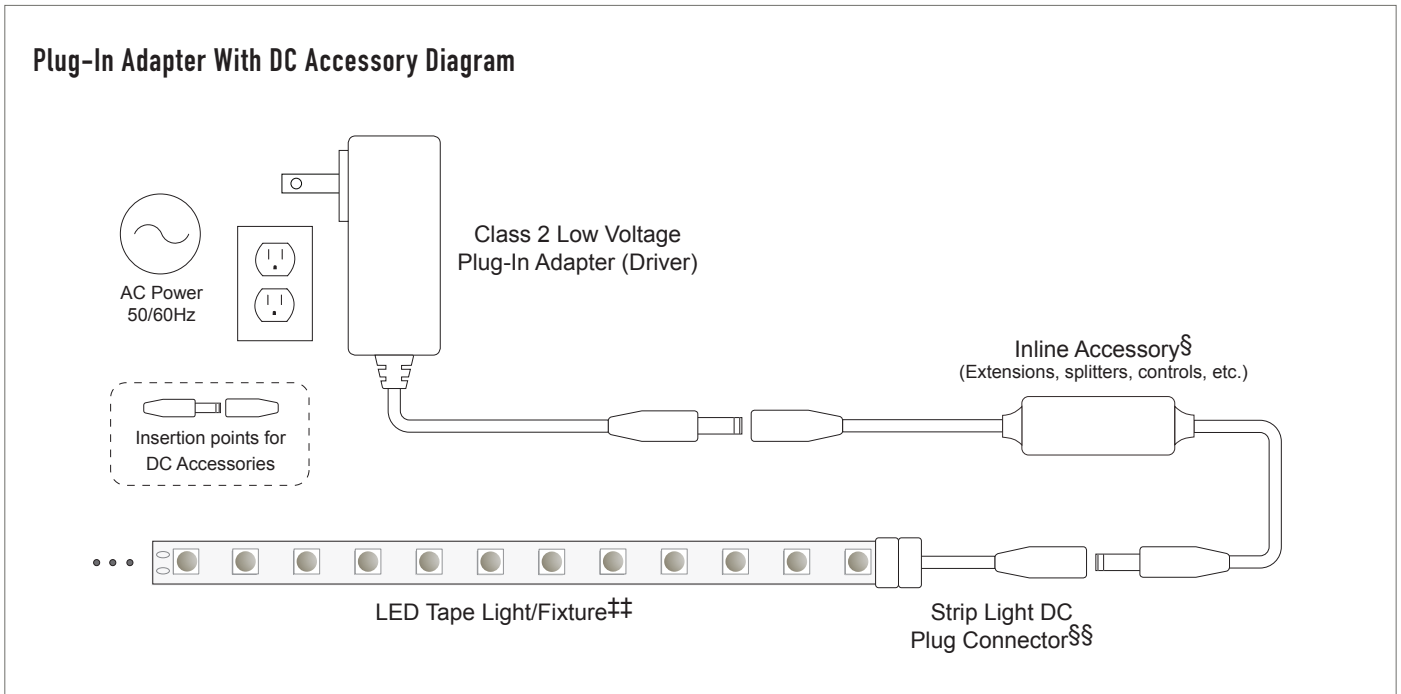
24V DC Plug-In Adapters convert AC voltage to low-voltage of LED light fixtures. An adapter is the right choice if you are installing just a few light fixtures or want to avoid making a permanent installation with a bigger, hard-wired power driver.

FEATURES & BENEFITS

- Compatible with PWM Dimmers, DMX Systems and RGB Controllers
- Black or White finish
- UL Listed

QUICK SPECS

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



See page 180 for technical notes applicable to all system diagrams. Diagrams are subject to change.

24V DC Plug-In Adapter Model Options


24V DC Plug-In Adapters

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

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

24V DC Commercial Grade Plug-In Adapters

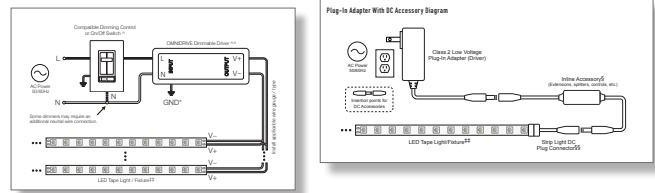
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PRODUCT IMAGE	SKU	WATTAGE	CLASS 2 ADAPTER	OUTPUT	COLOR	DIMENSIONS
	DI-CV-24V60W-OWA	60W	Yes	24VDC	Charcoal	6.7 x 2.5 x 1.5 in.
	DI-CV-24V90W-OWA	90W	Yes			

DRIVER DIAGRAM TECHNICAL NOTES

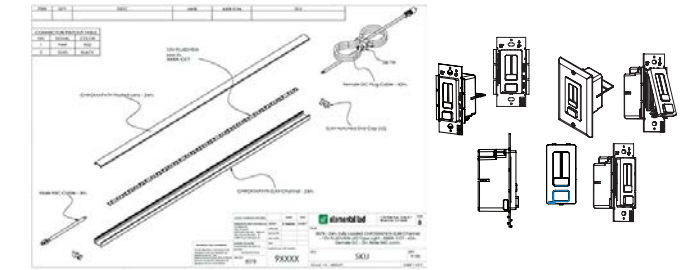
- * Driver may not require a fault ground connection. Refer to driver specifications for additional information.
- ** Install a compatible Class 2 constant voltage driver. It is recommended to load the driver no more than 80% of its labeled rating for maximum longevity.
- *** Install a Class 2 constant voltage driver compatible with a low-voltage PWM controller. It is recommended to load the driver no more than 80% of its labeled rating for maximum longevity.
- **** Determine the number of low-voltage outputs of the driver when installing multiple PWM controllers/dimmer switches. No more than one PWM controller/dimmer switch can be attached to a single output of the driver.
- † Install a compatible magnetic low-voltage dimmer switch. See dimmer switch manufacturer installation guide for complete wiring instructions.
- †† Dimmable drivers require a compatible magnetic low-voltage dimmer switch to supply the driver and fixture with appropriate input voltage. Do not test or install directly connected to an AC power source or on/off switch. It is recommended to load the driver no more than 80% of its labeled rating for maximum longevity. See dimmer switch manufacturer specifications for

- minimum load recommendations.
- ‡ Refer to driver or controller specifications for a compatible junction box.
- ‡‡ See fixture specifications for maximum series run limits.
- § See inline accessories specifications for maximum amperage ratings.
- §§ See fixture specifications for a compatible adapter cable.
- ^ Install a compatible dimming control or switch. See the Electronic Dimmable Driver / Dimmer Compatibility List for compatible dimming controls. See the dimming control manufacturer installation guide for complete wiring instructions.
- ^^ Load the driver at least 60% of the labeled load for proper dimming performance (required for dimmable installations only).



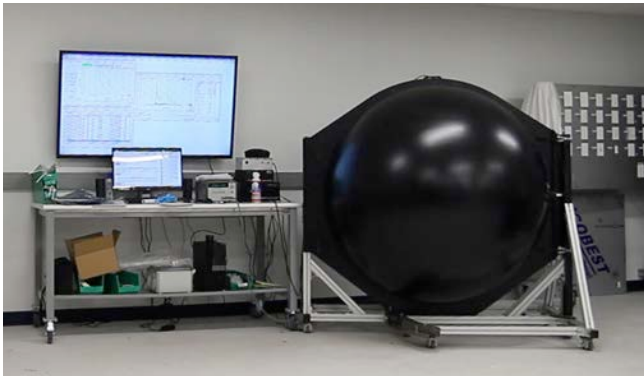
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Elemental LED, North America’s largest provider of linear LED lighting solutions, is driving transformative and innovative technology advancements in the global lighting market. Our team is dedicated to delivering uniquely superior, commercial-grade products for a variety of applications with optimum performance that will last for decades.



ENGINEERING TEAM:

We have a dedicated in-house team of product engineers, quality and testing engineers and electrical engineers with extensive experience in the lighting industry. We pride ourselves on the development of industry changing technology and manufacturing innovation.



INNOVATION LAB:

The Innovation Lab hosts a complete slate of testing equipment including state-of-the art photometric equipment allows us to think broadly about potential applications for revolutionary lighting technologies. The lab provides a testing environment for continual enhancement of our configured solutions to be compatible with other lighting products.



TECHNICAL TRAINING:

Elemental LED’s Training Programs help drive the adoption of the Diode LED product portfolio. We offer comprehensive product training at our headquarters or at customer sites, advanced online training materials and installation videos.





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