

# OUTDOOR LIGHTING GUIDE

Create the atmosphere -you want and illuminate your space.

Diode LED offers a variety of outdoor lighting solutions for many environments. We engineer and manufacture all of our lighting with the utmost attention to safety and reliability to deliver quality wet location and submersible products. You should have ease of mind when putting our products in different outdoor environments.





## CONTENTS

OUTDOOR LINEAR	LED LIGHTING
BLAZE™ BASICS	pg 1
SQUIGGLY™	pg 3
INFINLINE <sup>®</sup> X	pg 5
HYDROLUME <sup>®</sup> SLIM	pg 7
NEON BLAZE™	pg 9
DAZZLE <sup>®</sup> 24 RGB	pg 13
DAZZLE <sup>®</sup> 24 RGBW 4D	pg 15

MATTONE<sup>®</sup> 2

pg 17

**DISPLAY LIGHTING** 

PURALIGHT<sup>®</sup> 2

pg 19

HANGING LED FIXTURES

VOLANTE® SERIES

pg 21

#### ACCESSORIES

STRIP LIGHT ACCESSORIES pg 26

#### DRIVERS

DRIVERS

pg 28

ACTUAL SIZE

## BLAZE<sup>™</sup> BASICS WET LOCATION LED STRIP LIGHT *VALUE ENGINEERED TO BE MORE EFFICIENT*

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

#### **FEATURES & BENEFITS**

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

#### QUICK SPECS

Voltage	12VDC & 24VDC
CRI	90+
Warranty	7-Year Warranty
Dimming	Dimmable
Certification	UL Listed 2108

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



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#### OUTDOOR LINEAR LED LIGHTING

	BLAZE <sup>™</sup> BA	SICS WET LO	CATION LED	STRIP LIGHT			
	1 ( LUMEN		<b>200</b> Lumen range				
	– 12V – – BLBSC1 –	– 24V – – BLBSC1 –	– 12V – – BLBSC2 –	– 24V – – BLBSC2 –			
	Max. Run: 27 ft. Cut Points: 2 in. Wattage: 1.46W/ft.	Max. Run: 55 ft. Cut Points: 4 in. Wattage: 1.46W/ft.	Max. Run: 20 ft. Cut Points: 1 in. Wattage: 2.93W/ft.	Max. Run: 40 ft. Cut Points: 2 in. Wattage: 2.93W/ft.			
CCT	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.			
2700K	107	106	206	209			
3000К	116	114	221	226			
3500К	<u>11</u> 7*	115*	223*	226*			
4200K	117*	115*	225*	225*			
5000K	116	114	227	224			

\*Estimates only. Please check our website www.DiodeLED.com for final specifications.

#### WET LOCATION TAPE LIGHT CONNECTORS FOUND ON PAGE 26

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

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

### TAILORED LENGTH OPTION



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)

www.DiodeLED.com

## SQUGGGLY™ WET LOCATION LED TAPE LIGHT WHEN CURVES MATTER

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



#### **FEATURES & BENEFITS**

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

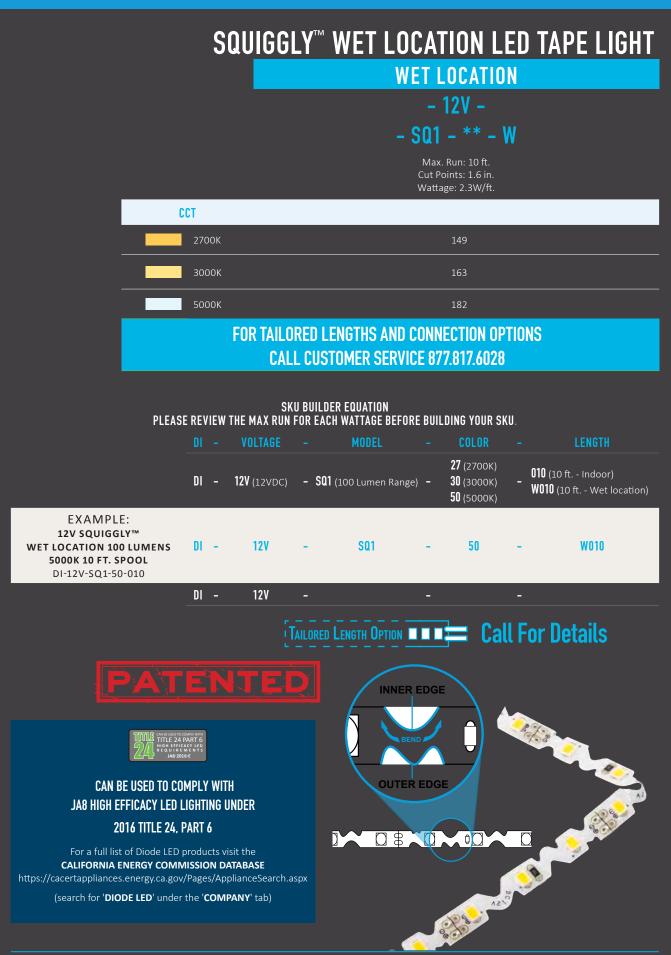
#### QUICK SPECS

Voltage	12VDC
CRI	95+
Warranty	7-Year Warranty
Dimming	Yes
Dimming Environment	Yes IP65 - field cuttable

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



#### OUTDOOR LINEAR LED LIGHTING



www.DiodeLED.com



LEDS

SAPPHIRE AWARDS

FINALIST

#### Unparalleled **UL** Certification & Testing

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

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

## **INFINILINE**<sup>®</sup> X DRIVERLESS 120VAC LINEAR LED LIGHTING

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

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

#### **FEATURES & BENEFITS**

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

#### **QUICK SPECS**

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

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

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INFINILINE®

3 (112) ACTUAL SIZE

#### OUTDOOR LINEAR LED LIGHTING

## Designed, Developed, and Patented by Diode LED

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



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

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

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

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

Product specs subject to change. Contact Customer Service for current technical/warranty specifications. \* CCT range +/- 300K



## CULISTED US 676 RATED FOR POOLS & FOUNTAINS

#### NOW AVAILABLE HYDROLUME® SLIM RGB



Lighting Unlimited Arizona

## HYDROLUME® SLIM

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

Available in your choice of IP ratings..

#### FIELD CUTTABLE - IP65

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

#### FACTORY TAILORED – IP68 SUBMERSIBLE

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

#### **FEATURES & BENEFITS**

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

#### **QUICK SPECS**

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

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







#### OUTDOOR LINEAR LED LIGHTING

		DLUME <sup>®</sup> SLIM D TAPE LIGHT			NNECTORS (IES (IP65)
	HYDROLUME	HYDROLUME	IMAGE	SKU	PRODUCT DESCRIP- TION
	SLIM - 24V -	SLIM HD - 24V -		DI-HLS-EC-10	End Cap White 10 Pack
	- HLS** -	- 24V - - HLSP** -		DI-HLS-IC	l-Connector White
				DI-HLS-JP4	Cable Jumper 4"
	Max Run: 65.5 ft. Cut Point: 9.84 in.	Max Run: 32.8 ft. Cut Point: 6.88 in.		DI-HLS-JP6	Cable Jumper 6"
	Chip Density: 8 / ft. Wattage: 1.22W / ft.	Chip Density: 12 / ft. Wattage: 2.44W / ft.		DI-HLS-JP12	Cable Jumper 12"
_				DI-HLS-JP24	Cable Jumper 24"
ССТ 2700К	LUMENS / FT. 113	LUMENS / FT. 226		DI-HLS-LC	L Connector White
3000К	113	226		DI-HLS-PWRC	Power Supply Link Connector White
4000K 6500K	122	244 244		DI-HLS-SP24	Splice Connector
		S FOR THIS PRODUCT Lored IP68 & UL 676		DI-HLS-TC	T-Connector White
		SE CALL 877.817.6028		DI-HLS-XC	X-Connector White
RGB (IP68)	mens / ft.: 64 Max. Max Rup: 26 ft availa	YDROLUME RGB is only ble in factory made lengths : are IP68 & UL 676 rated.		DI-HLS-MTBR	Mounting Bracket Clear - 10 pack
	Call	for details 877.817.6028		DI-HLS-MTCH	Mounting Channel - 2 pack

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

			VOLTAGE		MODEL	COLOR		LENGTH
	DI		<b>24V</b> (12VDC)		HLS (Standard) HLSP (High Density)	27 (2700K) 30 (3000K) 40 (4000K) 65 (6500K)		<b>65</b> (65.5 ft Standard Only) <b>32</b> (32.8 ft High Density Only)
EXAMPLE: HYDROLUME® SLIM HD 3000K 32.8 FT. DI-24V-HLSP30-32	DI	-	24V	-	HLSP	30	-	32
				[ <b>T</b> /	AILORED LENGTH OPTION			Call For Details

### DIFFUSED, SATURATED, AND VIBRANT COLORS FROM END TO END

#### **FEATURES & BENEFITS**

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

#### **QUICK SPECS**

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

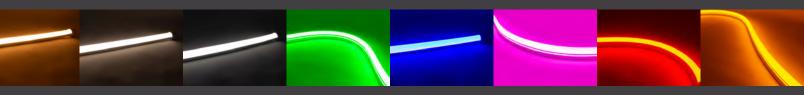
Visit the product page on the website for specification sheets, install guides, IES files and photometric reports.



## NEON BLAZE<sup>™</sup> FROM WHITE TO RGB AND EVERYTHING IN BETWEEN

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





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FORMAT	TOP EMITT -TE-	ING		SIDE EMITTING -SE-			
POWER OPTIONS C LENGTHS	1.2W / ft. -NBL1- Max run/ spool length: 65 ft. -65-	2.4W / ft. -NBL2- Max run/ spool length: 32 ft. -32-	4.4W / ft. -NBL4- Max run/ spool length: 16 ft. -16-		1.2W / ft. -NBL1- Max run/ spool length: 65 ft. -65-	2.4W / ft. -NBL2- Max run/ spool length: 32 ft. -32-	4.4W / ft. -NBL4- Max run/ spool length: 16 ft. -16-
	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.		LUMENS / FT.	LUMENS / FT.	LUMENS / FT.
<b>-27-</b> 2700к	86	173	248		62	134	208
<b>-35</b> - з500к	89	178	273		60	120	195
-63- 6300к	88	174	266		59	116	173
-GN- Green	88	148	151		30	48	78
-BL- Blue	18	30	37		6	12	18
- <b>PK</b> - Pink	39	93	110		17	37	53
-RD- Red	31	61	64		11	21	34
-GL- Gold	70	157	184		31	61	84
-RGB- RGB		only available in fa not field cuttable		20 lumen Maximum	-	42 lumen Maximum	

#### SINGLE COLOR CONNECTORS ARE FOUND ON THE FOLLOWING PAGE. FOR ORDERS OF RGB OR TAILORED LENGTHS – PLEASE CALL 877.817.6028

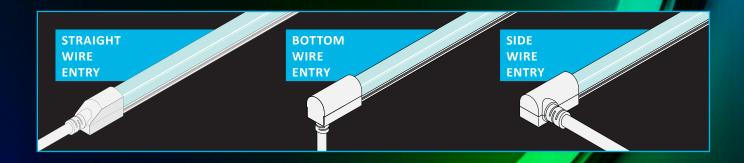
#### SKU BUILDER EQUATION PLEASE REVIEW THE MAX RUN FOR EACH WATTAGE BEFORE BUILDING YOUR SKU.

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

## **NEON BLAZE<sup>™</sup> Accessories**

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

#### NEON BLAZE<sup>™</sup> RGB is not field cuttable and not compatible with some accessories.



#### NEON BLAZE CONNECTORS

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

#### **MOUNTING OPTIONS**

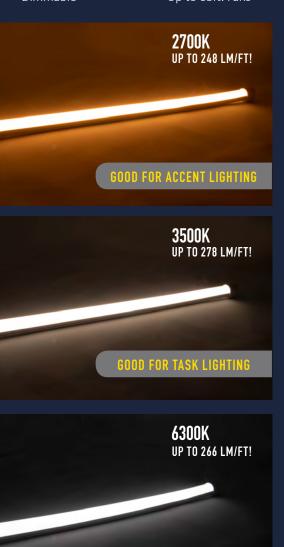
SKU	DESCRIPTION
DI-TE-NB-TUC-16	Top emitting, top u-clip, bag of 16
DI-TE-NB-BUC-16	Top emitting, bottom u-clip, bag of 16
DI-TE-NB-MTCH	Top emitting, 35" inch channel
DI-SE-NB-TUC-16	Side emitting, top u-clip, bag of 16
DI-SE-NB-BUC-16	Side emitting, bottom u-clip, bag of 16
DI-SE-NB-MTCH	Side emitting,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



## TOTALLY DIFFUSED *F L E X I B L E* W H I T E L I G H T **N E O N B L A Z E**<sup>™</sup>

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

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



GOOD FOR OUTDOOR LIGHTING



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

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

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#### **FEATURES & BENEFITS**

- Indoor & outdoor options
- 16 million color combinations
- Dynamic and versatile accent lighting
- Compatible with Diode LED Color Controllers or Nicolaudie<sup>®</sup> 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.



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#### OUTDOOR LINEAR LED LIGHTING

DAZZLE <sup>®</sup> 24	RGB LED TAPE WET LOCATIO - 24V - - DRGB - W Max. Run: 16.4 ft. Cut Points: 4 in. Wattage: 4.32W/ft.	N	COLOR CONTROL PLEASE VISIT www.DiodeLED.com CASAMBI CONTROLLERS			
CCT	LUMENS / FT.		DUCHDIAL <sup>™</sup> LED ontrol System			
RGB	160		,			
	WET LOCATION CONNECT LISTED BELOW	TORS				
PLE	SKU BU ASE REVIEW THE MAX RUN FOR	ILDER EQUATION Each wattage before	BUILDING YOUR SKU			
	DI – VOLTAGE	- MODEL		LENGTH		
	<b> 2/</b> 1/ (20/05			<b>)016</b> (16.4 ft. Indoor) <b>)100</b> (100 ft. Indoor)		
	<b>DI - 24V</b> (24VDC	:) <b>- DRGB</b>	-	N016 (16.4 ft. Wet Location)		
EXAMPLE: DAZZLE® RGB WET LOCATION DI-24V-DRGB-W016	DI - 24V	- DRGB	-	W016		
	DI -	-	-			
	Tailorei	) Length Option 🔳 🗖	∎ <b>=</b> Call	For Details		
PRODUCT IMAGE	PRODUCT N/	AME		SKU		
	Wet Location RGB Splice	Connector Pair		DI-0766		
500	Wet Location RGB Exte	ension Cable		DI-0778		
MOUNTING CLIPS	RGB WET LOCATION END-CAPS		SILICONE Sealant	(1) dicde led" tank		
SKU DESCRIPTIO	N SKU	DESCRIPTION	SKU	DESCRIPTION		
DI-WLMC-RGB Pack of 10	DI-0842-25	Pack of 25	DI-WPSL	One tube of sealant		



## DAZZLE<sup>®</sup> 24 RGBW 4D Color Changing LED TAPE LIGHT

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

#### The Four Ds of DAZZLE RGBW 4D

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

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#### **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.



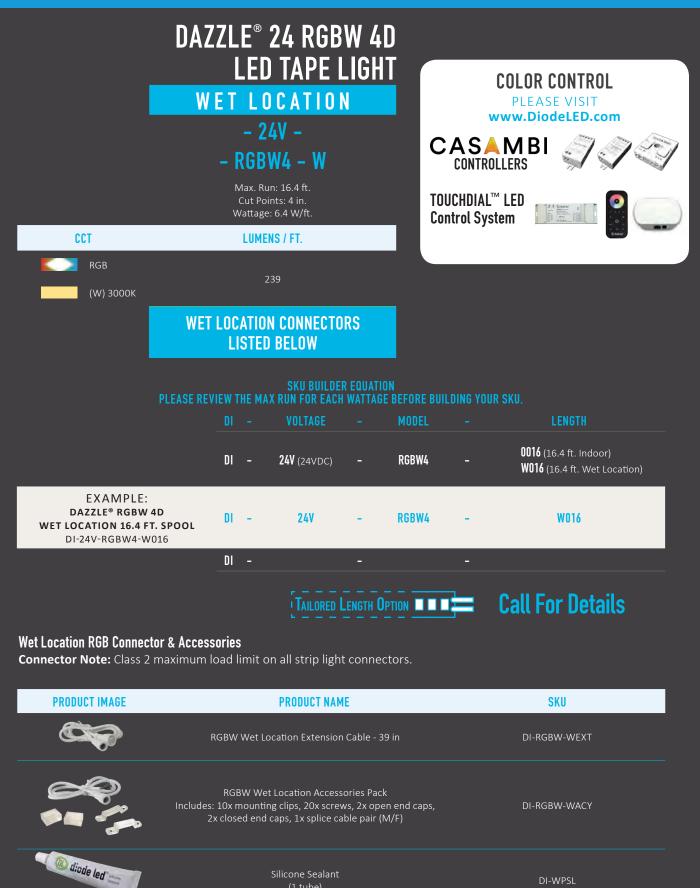
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#### OUTDOOR LINEAR LED LIGHTING



Silicone Sealant

(1 tube)

DI-WPSL



## MATTONE<sup>®</sup>2 Wall Mounted LED Lighting

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

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#### **FEATURES & BENEFITS**

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

#### **QUICK SPECS**

Voltage	120VAC
сст	3000K
CRI	97
Output	100 lm
Environment	Indoor/Outdoor
Certification	UL Listed

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

#### STEP LIGHTING



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

The PURALIGHT 2 LED Light Modules come in multi-unit strands of waterresistant, 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.



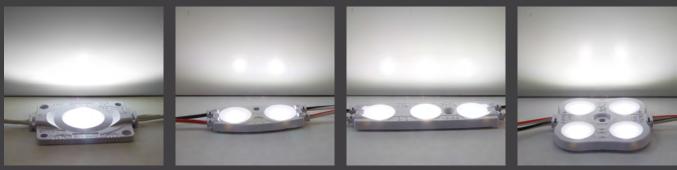
#### **FEATURES & BENEFITS**

- 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 energification						

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



MONOBRIGHT<sup>™</sup>

DUOBRIGHT<sup>™</sup>







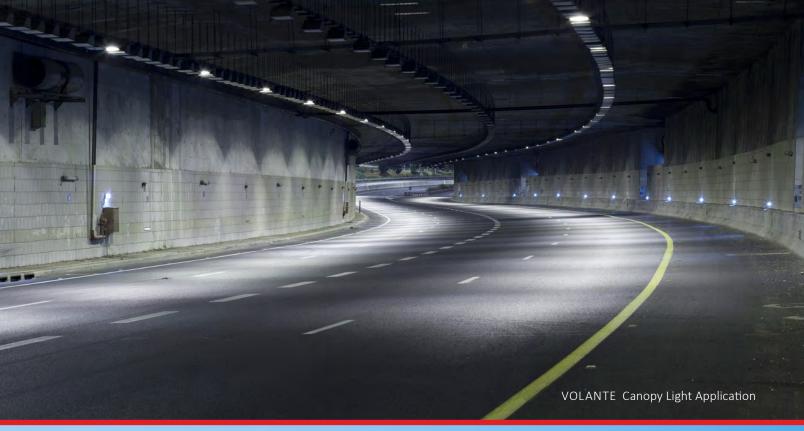
#### DISPLAY LIGHTING

## **PURALIGHT®2 Model Options**

MONOBRIGHT <sup>™</sup> LED Light Module	SKU	CCT	LUMENS PER Module	INPUT Voltage	CRI	WATTAGE PER Module / Spool	MAXIMUM RUN	I DETAILS
	DI-12V-P2-MB75	7500К	181	12VDC	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 <sup>™</sup> LED Light Module	SKU	CCT	LUMENS PER Module	INPUT Voltage	CRI	WATTAGE PER Module / Spool	MAXIMUM RUN	DETAILS
	DI-12V-P2-DB** -	3000K 4000K 5000K 6200K 11000K Yellow Red Green Blue	56 64 63 59 58 See Specification Sheet	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
TRIOBRIGHT <sup>™</sup> LED Light Module	SKU	ССТ	LUMENS PER Module	INPUT Voltage	CRI	WATTAGE PER Module / Spool	MAXIMUM RUN	I DETAILS
	DI-12V-P2-TB** -	3000K 4000K 5000K 6200K 9000K 11000K Yellow Red Green Blue	78 94 87 88 98 85 - See See Specification Sheet	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
TILEBRIGHT <sup>™</sup> LED Light Module	SKU	CCT	LUMENS P Module		PUT TAGE	CRI WATTAGE PER Module / Spoo		DETAILS
	DI-12V-P2-TL**	3000K 4000K 5000K 6200K 9000K 11000K Yellow Red Green Blue	105 121 114 128 114 110 - See Specificatio - Sheet		VDC	84 1.44W / 57.6W	40 ft. <sup>1</sup>	48 x 44.3 x 4.5 mm I.89 x 1.75 x 0.18 in. 40 modules /strand

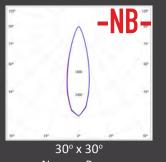
\*BUILD YOUR SKU NUMBER: Substitute with **30**(3000K), **40**(4000K), **50**(5000K), **62**(6200K), **90**(9000K), **11**(11000K) CCT options or **YL**(Yellow), **RD**(Red), **GN**(Green), **BL**(Blue)

TRIOBRIGHT <sup>™</sup> 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

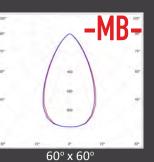




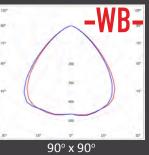
## **OPTIC TYPES**



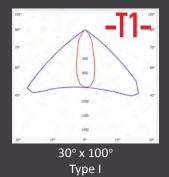
Narrow Beam



60° x 60° Medium Beam



Wide Beam



Industry defining Optics Technology

## VOLANTE<sup>®</sup> SERIES HIGH OUTPUT FLOOD & CANOPY LIGHTS

#### VOLANTE FEATURING THF 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.









- Warehouses
- Logistics centers
- Storage vards
- Factories
- Campuses
- Parks





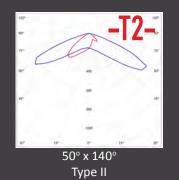
**ASSEMBLED & SHIPPED** 

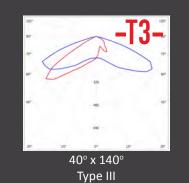
IN 2-3 DAYS

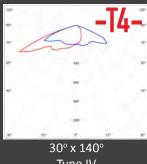




Industry defining Optics Technology

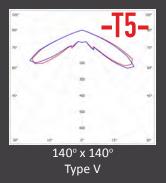






#### Type IV

## **OPTIC TYPES**



www.DiodeLED.com

#### FIXTURES

## **VOLANTE**<sup>®</sup> CANOPY LIGHT



**Compact & Modular Design** 

### **VOLANTE<sup>®</sup> 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 21-22

## **VOLANTE<sup>®</sup> Canopy Light Fixture** SURFACE MOUNT

4000K	100W	14300
5000К	100W	14300
4000K	200W	26800
5000К	200W	26800
	соок 4000к 5000к	4000К         100W           5000К         200W           5000К         200W

\*\* Use the 'Optic Types' variable from pages 21-22

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

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

#### **FEATURES & BENEFITS**

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



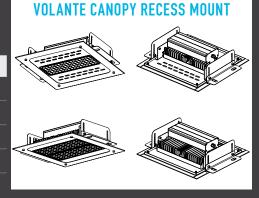




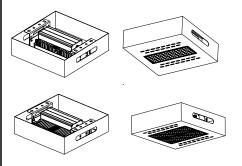
#### **QUICK SPECS**

Voltage	120VAC-277VAC
Connection	Hardwire
Environment	Indoor/Outdoor
Visit the product pag	e on the website for specification

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



#### **VOLANTE CANOPY SURFACE MOUNT**





## **VOLANTE**® FLOOD LIGHT



Expandable, High-Output Format

## **VOLANTE® Flood Light Fixture**

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.

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

\*\* Use the 'Optic Types' variable from pages 21-22



75W SINGLE MODULE CONFIGURATION

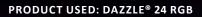


**150W** TWO MODULE CONFIGURATION



225W THREE MODULE CONFIGURATION

www.DiodeLED.com



PRODUCT USED: DAZZLE<sup>®</sup> 24 RGB

## 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
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	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
time -	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
17 1	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		<b>BUNDLE OPTIONS</b>
	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
and the second s	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	ТҮРЕ	BUNDLE OPTIONS
	DI-10MM-WLSP2	2-Way	Single
-	DI-10MM-WLSP2-5	2-Way	Pack of 5
and the second s	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
3	DI-10MM-WLSP5	5-Way	Single
	DI-10MM-WLSP5-5	5-Way	Pack of 5
	DI-10MM-WLSP5-25	5-Wav	Pack of 25

MOUNTING Clips	c b	WET LOCATION END-CAPS		SILICONE Sealant	C dicde led
SKU	DESCRIPTION	SKU	DESCRIPTION	SKU	DESCRIPTION
DI-0754	Pack of 10	DI-0755	Pack of 10	DI-WPSL	Single

PRODUCT USED: HYDROLUME® SLIM Echo Electric La Vista, NE

6 ...

25

## **OMNIDRIVE®** Driver Model Options

### LO-PRO<sup>®</sup> 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. Visit our website www.DiodeLED.com for more details.



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







#### 10W / 20W

5.7 x 2.1 x 0.75 in.

**30W / 45W** 7 x 2.3 x 1.35 in.

#### **60W / 80W / 120W** 9.1 x 2.7 x 1.8 in.

VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

12V OMNIDRIVE\*

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

24V OMNIDRIVE®		VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com			
OUTPUT	SKU (DRIVER ONLY)	UL DRIVER OPTION (DRIVER/J-BOX COMBO)	WATTAGE	ENVIRONMENT	DIMENSIONS
	DI-TD-24V-10W	DI-TD-24V-10W-LPS	10W	Indoor*	5.7 x 2.1 x 0.75 in.
	DI-TD-24V-20W	DI-TD-24V-20W-LPS	20W	Indoor*	5.7 x 2.1 x 0.75 in.
	DI-TD-24V-30W	DI-TD-24V-30W-LPS	30W	Indoor*	7 x 2.3 x 1.35 in.
24VDC	DI-TD-24V-45W	DI-TD-24V-45W-LPL	45W	Indoor*	7 x 2.3 x 1.35 in.
24700	DI-TD-24V-60W	DI-TD-24V-60W-LPL	60W	Indoor / Outdoor	7.9 x 2.7 x 1.8 in.
	DI-TD-24V-80W	DI-TD-24V-80W-LPL	80W	Indoor / Outdoor	9.1 x 2.7 x 1.8 in.
	DI-TD-24V-96W	DI-TD-24V-96W-LPL	96W	Indoor / Outdoor	9.1 x 2.7 x 1.8 in.
	DI-TD-24V-120W	N/A	120W	Indoor / Outdoor	9.1 x 2.7 x 1.8 in.

\*Indoor specific drivers may be used outdoors when installed in an appropriate outdoor rated junction box.

#### DRIVERS

## Magnetic Dimmable Driver Model Options



12V Magnetic Dimn	nable Driver			VIEW FL	ILL SPECIFICATION SHEETS	AT www.DiodeLED.com
INPUT VOLTAGE	OUTPUT	SKU	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS
		DI-0920	20W	Yes	Outdoor/Indoor	2.2 x 2.2 x 5.6 in.
		DI-DM-12V40W	40W	Yes	Outdoor/Indoor	5.6 x 2.25 x 2.2 in.
		DI-0922	60W	Yes	Outdoor/Indoor	6.6 x 2.6 x 2.3 in.
		DI-0925	100W	No	Outdoor/Indoor	9.8 x 3 x 3 in.
120VAC	120VAC 12VDC	DI-DM-12V120W-MT	Multi-tap 120W (2x 60W)	Yes	Outdoor/Indoor	9.8 x 3 x 3 in.
		DI-DM-12V180W-MT	Multi-tap 180W (3x 60W)	Yes	Outdoor/Indoor	9.8 x 3 x 3 in.
		DI-0923	200W	No	Outdoor/Indoor	9.8 x 3 x 3 in.
		DI-DM-12V300W-MT	Multi-tap 300W (5x 60W)	Yes	Outdoor/Indoor	9.8 x 4.2 x 3.5 in.
		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.
277VAC 12VDC	12VDC	DI-DM-12V100W-277	100W	No	Outdoor/Indoor	9.8 x 3 x 3 in.
		DI-DM-12V200W-277	200W	No	Outdoor/Indoor	9.8 x 4.2 x 3.5 in.
	-	DI-DM-12V300W-277	300W	No	Outdoor/Indoor	9.8 x 4.2 x 3.5 in.

24V Magnetic Dimn	nable Driver			VIEW FU	LL SPECIFICATION SHEETS /	AT www.DiodeLED.com
INPUT VOLTAGE	OUTPUT	SKU	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS
		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.
120VAC	24VDC	DI-DM-24V192W-MT	Multi-tap 192W (2x 96W)	Yes	Outdoor/Indoor	9.8 x 4.2 x 3.2 in.
1200AC	24706	DI-DM-24V200W	200W	No	Outdoor/Indoor	9.8 x 3.1 x 3 in.
		DI-DM-24V288W-MT	Multi-tap 288W (3x 96W)	Yes	Outdoor/Indoor	9.8 x 4.2 x 3.2 in.
		DI-DM-24V300W	300W	No	Outdoor/Indoor	9.8 x 4.2 x 3.5 in.
		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.
277VAC 24VDC	24VDC	DI-DM-24V96W-277	96W	Yes	Outdoor/Indoor	9.8 x 3.1 x 3 in.
	DI-DM-24V200W-277	200W	No	Outdoor/Indoor	9.8 x 4.2 x 3.5 in.	
	-	DI-DM-24V300W-277	300W	No	Outdoor/Indoor	9.8 x 4.2 x 3.5 in.



## 0-10V Dimmable LED Driver Model Options

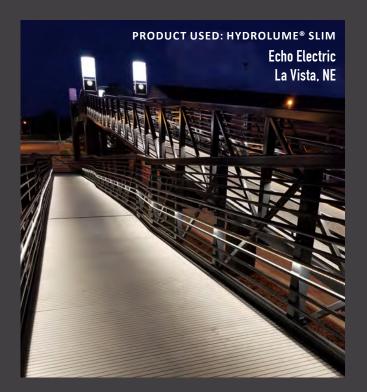
### LO-PRO<sup>®</sup> JUNCTION BOX & DRIVER COMBO

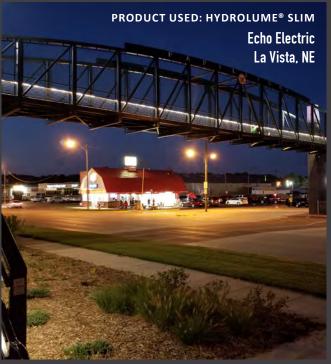
Place your order using the UL DRIVER OPTION in the table below for a fully certified (UL 2108) power supply with junction box. Visit our website www.DiodeLED.com for more details.





0-10V Comm	ercial Grade	e 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/	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.
240/ 277VAC	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.





## 12V Constant Voltage LED Driver Model Options

### LO-PRO<sup>®</sup> 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. Visit our website www.DiodeLED.com for more 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	<b>SKU</b> (DRIVER ONLY)	UL DRIVER OPTION (DRIVER/J-BOX COMBO)	WATTAGE	COMPATIBLE DIMMERS & Control Systems	ENVIRONMENT	DIMENSIONS
9	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.
1 and a start	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.
Y W	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.
C	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.
A	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.
N	lounting Brac	kets					
1	SKU		DESCRIPTION		COMPATIBLE ONLY		
			1 1 111		DI-0908	01-0909	01-0928

\*Indoor specific drivers may be used outdoors when installed in an appropriate outdoor rated junction box.

150W

200W

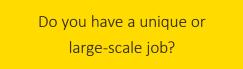
300W

Set of four brackets with hardware.

(DL)

DI-1733





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Call 877.817.6028

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Email quotes@DiodeLED.com





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

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