diodeled®

LED LIGHTING SOLUTIONS

2023 DIODE LED

MADE IN THE USA

MADE IN USA
WITH FOREIGN PARTS

We engineer and assemble LED Lighting products in the USA at our manufacturing Facility in Reno, Nevada. By taking advantage of our extensive component inventory, we can produce factory-assembled orders with state-of-the-art equipment and a skilled workforce. Matched with strict quality control measures, we build with experience and deliver quickly from our on-site distribution team.

MADE IN USA

AlphaTECH® Encapsulated Linear LED Lighting

LED Light Guide Panels

ASSEMBLED IN USA

Factory Assembled Fixtures with Channels

HYDROLUME® SLIM Strip Light

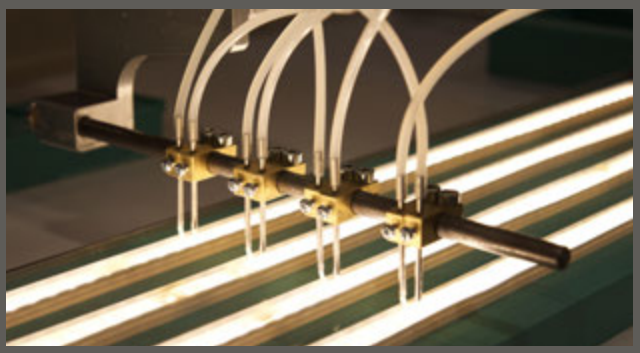
INFINILINE® 120V Linear Light

Factory Assembled Tape Light

NEON BLAZE™ LED Lighting

Driver Junction Box Combos

MANUFACTURING & OPERATIONS FACILITY LOCATED IN RENO, NV



CERTIFICATIONS & COMPLIANCE

TITLE 24 CAN BE USED TO COMPLY WITH TITLE 24 PART 6 HIGH EFFICACY LED REQUIREMENTS JA8-2019-E

Title 24, Part 6

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

JA8

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

JA10

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

Complete Product Line at www.DiodeLED.com

This catalog features the latest and most popular products available from Diode LED, but there is so much more. Visit us online and get access to everything we have available for every lighting application.

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QUICK START GUIDE TO diodeled

1 PICK YOUR LIGHT

24V BLAZE™ 100
for ACCENT LIGHTING
≤ 55 ft. tape light run per 100W driver

24V BLAZE™ 200
for TASK LIGHTING
≤ 40 ft. tape light run per 100W driver

24V BLAZE™ 300
for COVE LIGHTING
≤ 22 ft. tape light run per 100W driver

See pages 18-19 for more details

2 PICK YOUR CONNECTOR

TAPE LIGHT TERMINAL BLOCK CONNECTOR

TAPE TO WIRE

Screw onto tape light; connect to 18 AWG
Options: Connector only; 60” lead wire with connector

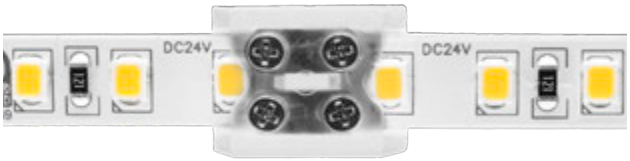
See page 40 for complete options

TAPE TO TAPE

Screw onto tape light

Options: Connector only; 6” jumper; 60” jumper

See page 40 for complete options



Credit: Integrity Design Services / Designer: Mark Hernbroth

3 PICK YOUR DRIVER

DI-MLV (Magnetic)
Default

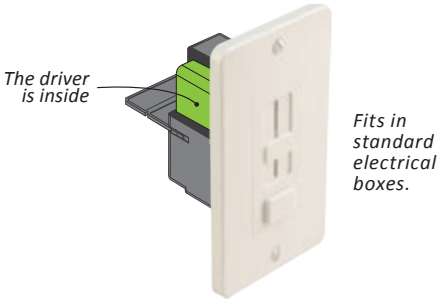
See pages 62-63 for more details

OMNIDRIVE® X (Electronic/0-10V)

See pages 60-61 for more details

SWITCHEX® DIMMER+DRIVER IN ONE

2 in 1 for faster install



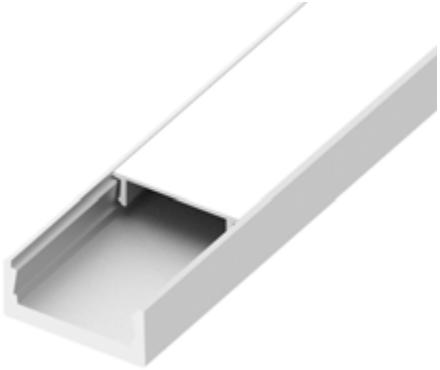
See pages 66-67 for more details

4 CHANNEL *Optional*

CANAL

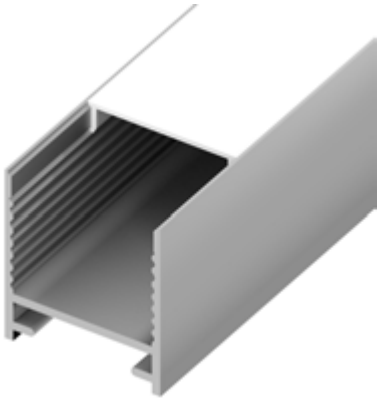
See page 45 for more details

SLIM



See page 45 for more details

16mm



See page 47 for more details

LINEAR LED LIGHTING COMPARISON CHART

X-RANGE™

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

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

TITLE 24 CAN BE USED TO COMPLY WITH TITLE 24 PART 6 HIGH EFFICACY LED REQUIREMENTS JA8-2019-E

BLAZE™ X LED Tape Light Page 14

100 LUMEN RANGE	12VDC Max. Run: 37 ft. Cut Points: 2 in. Wattage: 1.54W/ft.	24VDC Max. Run: 70 ft. Cut Points: 4 in. Wattage: 1.54W/ft.
CCT	LUMENS / FT.	LUMENS / FT.
2000K	–	92
2400K	110	114
2700K	109	112
3000K	122	126
3500K	126	131
4200K	127	133
5000K	128	135
6300K	121	123

200 LUMEN RANGE	12VDC Max. Run: 22 ft. Cut Points: 1 in. Wattage: 3.1W/ft.	24VDC Max. Run: 45 ft. Cut Points: 2 in. Wattage: 3.1W/ft.
CCT	LUMENS / FT.	LUMENS / FT.
2000K	–	181
2400K	225	226
2700K	221	224
3000K	247	253
3500K	241	254
4200K	254	264
5000K	262	264
6300K	273	276

300 LUMEN RANGE	12VDC Max. Run: 20 ft. Cut Points: 1 in. Wattage: 4.3W/ft.	24VDC Max. Run: 40 ft. Cut Points: 2 in. Wattage: 4.3W/ft.
CCT	LUMENS / FT.	LUMENS / FT.
2000K	–	261
2400K	318	322
2700K	305	318
3000K	339	360
3500K	352	357
4200K	349	365
5000K	358	378
6300K	380	393

BLAZE™ X Wet Location LED Tape Light

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100 LUMEN RANGE	12VDC Max. Run: 37 ft. Cut Points: 2 in. Wattage: 1.54W/ft.	24VDC Max. Run: 70 ft. Cut Points: 4 in. Wattage: 1.54W/ft.
CCT	LUMENS / FT.	LUMENS / FT.
2400K	99	103
2700K	101	108
3000K	110	117
3500K	109	116

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

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

X-RANGE™

VALENT® X LED Tape Light

Page 10

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

100 LUMEN RANGE — 24VDC

Max. Run: 80 ft.
Cut Points: 1.32 in.
Wattage: 1.0W/ft.

CCT	LUMENS / FT.
2400K	104
2700K	101
3000K	106
3500K	108
4000K	112
5000K	116
6300K	112

200 LUMEN RANGE — 24VDC

Max. Run: 53 ft.
Cut Points: 1.32 in.
Wattage: 1.9W/ft.

CCT	LUMENS / FT.
2400K	194
2700K	207
3000K	218
3500K	218
4000K	228
5000K	242
6300K	244

300 LUMEN RANGE — 24VDC

Max. Run: 41 ft.
Cut Points: 1.32 in.
Wattage: 2.8W/ft.

CCT	LUMENS / FT.
2400K	299
2700K	311
3000K	323
3500K	328
4000K	342
5000K	365
6300K	363

500 LUMEN RANGE — 24VDC

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

CCT	LUMENS / FT.
2400K	469
2700K	495
3000K	557
3500K	586
4000K	534
5000K	592
6300K	578

800 LUMEN RANGE — 24VDC

Max. Run: 19 ft.
Cut Points: 1.32 in.
Wattage: 7.2W/ft.

CCT	LUMENS / FT.
2400K	730
2700K	782
3000K	853
3500K	906
4000K	806
5000K	840
6300K	924

VALENT® X Wet Location LED Tape Light

Page 12

500 LUMEN RANGE — 24VDC

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

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

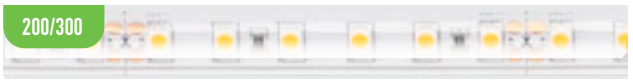
LINEAR LED LIGHTING COMPARISON CHART

BLAZE™

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

- 7-Year warranty
- 90+ CRI
- General lighting
- Competitively priced

TITLE 24 CAN BE USED TO COMPLY WITH TITLE 24 PART 6 HIGH EFFICACY LED REQUIREMENTS JA8-2019-E



BLAZE™ LED Tape Light

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100 LUMEN RANGE	12VDC Max. Run: 27 ft. Cut Points: 2 in. Wattage: 1.46W/ft.	24VDC Max. Run: 55 ft. Cut Points: 4 in. Wattage: 1.46W/ft.
CCT	LUMENS / FT.	LUMENS / FT.
2700K	117	113
3000K	121	117
3500K	117	126
4200K	131	133
5000K	130	132
6300K	121	123

200 LUMEN RANGE	12VDC Max. Run: 20 ft. Cut Points: 1 in. Wattage: 2.93W/ft.	24VDC Max. Run: 40 ft. Cut Points: 2 in. Wattage: 2.93W/ft.
CCT	LUMENS / FT.	LUMENS / FT.
2700K	212	233
3000K	221	237
3500K	236	249
4200K	252	265
5000K	256	261
6300K	272	266

300 LUMEN RANGE	24VDC Max. Run: 22 ft. Cut Points: 2 in. Wattage: 4.5W/ft.
CCT	LUMENS / FT.
2000K	290
2700K	338
3000K	344
3500K	329
4200K	344
5000K	338
6300K	341

BLAZE™ Wet Location LED Strip Light

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

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

300 LUMEN RANGE	24VDC Max. Run: 22 ft. Cut Points: 2 in. Wattage: 4.5W/ft.
CCT	LUMENS / FT.
2700K	331
3000K	337
5000K	329
6300K	335

LINEAR LED LIGHTING COMPARISON CHART

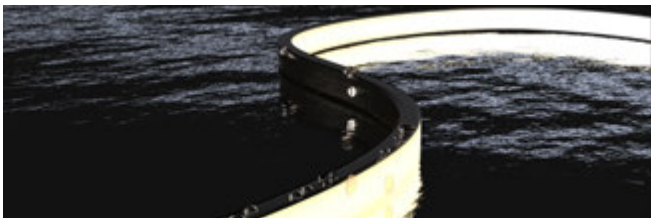
BLAZE™

BLAZE™ COLORS LED Tape Light Page 18

Bright and vibrant, solid color LED light lighting.

CCT	12VDC Max. Run: 20 ft. Cut Points: 1 in. Wattage: 3.0/ft. LUMENS / FT.	24VDC Max. Run: 40 ft. Cut Points: 2 in. Wattage: 3.0/ft. LUMENS / FT.
Red	95	98
Green	300	310
Blue	75	71

SPECIALTY LIGHTING



ALPHATECH® X LINEAR LED LIGHTING Page 24

Elegant, diffused lighting for outdoor applications exposed to sunlight (UV), saltwater, heat, chemicals, and other environmental extremes

100 LUMEN RANGE TOP BEND	24VDC Max. Run: 16 ft. Wattage: 6.2W/ft.
CCT	LUMENS / FT.
RGBW	122
250 LUMEN RANGE TOP BEND	**24VDC** Max. Run: 16 ft. Wattage: 5.6W/ft.
2400K	248
2700K	266
3000K	314
400 LUMEN RANGE TOP BEND	**24VDC** Max. Run: 16 ft. Wattage: 4.6W/ft.
CCT	
2400K	380
2700K	409
3000K	393

STREAMLITE™ DIFFUSED COB LED Tape Light Page 26

Low profile COB linear lighting, featuring uniform illumination without the need for diffusion covers.

CCT	INDOOR -IP20 24VDC Max. Run: 16.4 ft. Cut Points: 2.5 in. Wattage: 3.3W/ft. LUMENS / FT.	WET LOCATION -IP65 12VDC Max. Run: 16.4 ft. Cut Points: 1.4 in. Wattage: 3.3W/ft. LUMENS / FT.	WET LOCATION -IP65 24VDC Max. Run: 16.4 ft. Cut Points: 2.5 in. Wattage: 3.3W/ft. LUMENS / FT.
2700K	288	–	221
3000K	292	251	256
4000K	323	266	271
Red	42	–	38
Green	236	–	205

LINEAR LED LIGHTING COMPARISON CHART

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

INFINILINE® 120V LED Strip Light

Page 28

Value engineered for ambient or accent lighting.

Voltage: 120VAC
Max Run: 164 ft
Wattage: 3.7W/ft.
Length Increments: Every 7.87 in.
CRI: 90+

CCT	LUMENS / FT.
2700K	289
3000K	300
3500K	308
4200K	351

HYDROLUME® SLIM LED Strip Light

Page 28

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

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

NEON BLAZE™ LED Linear Light

Page 30

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

TOP BENDING

SIDE BENDING

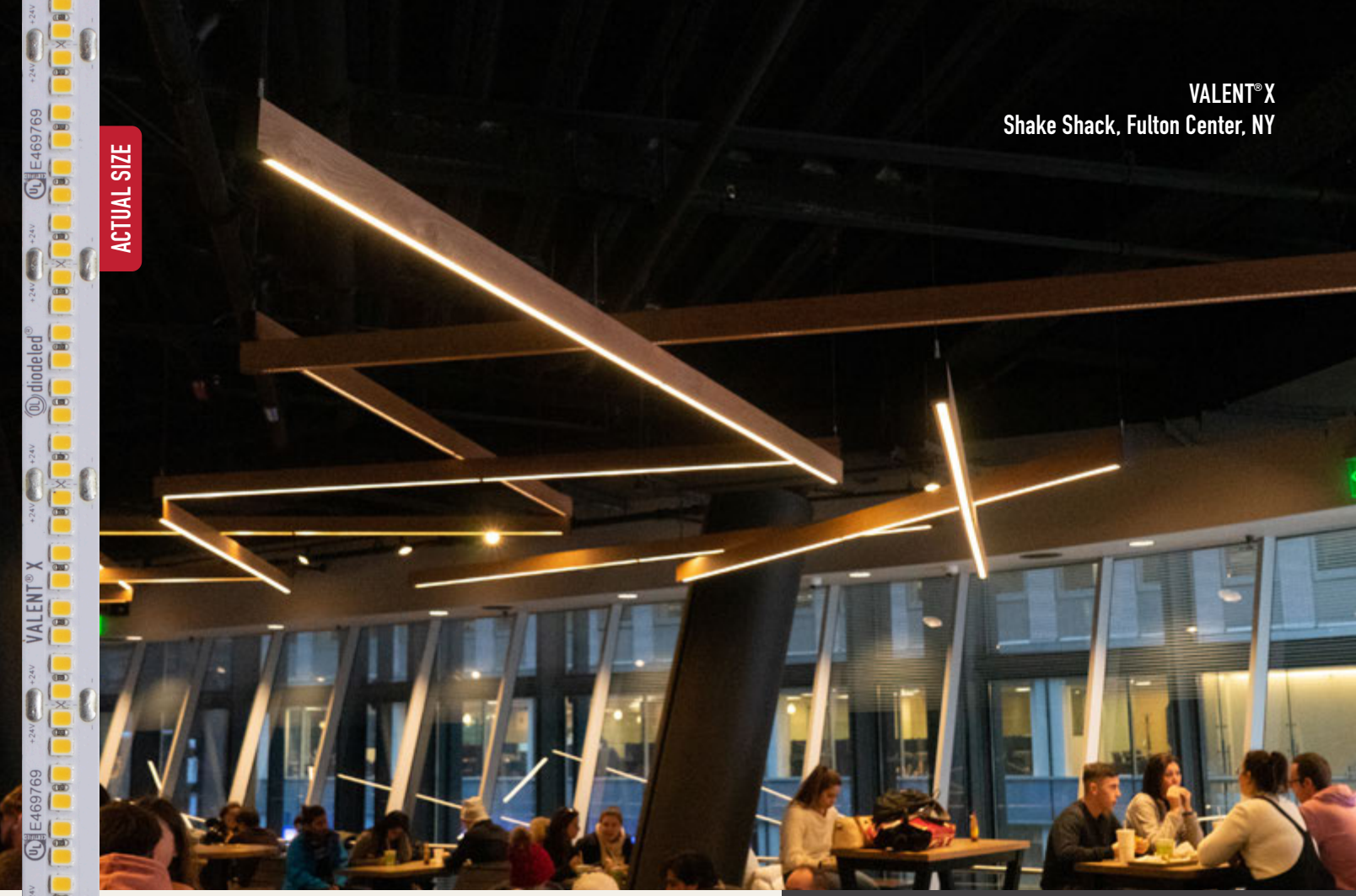
CCT	24VDC Max Run: 65 ft. Wattage Power: 1.22W/ft.	24VDC Max Run: 32 ft. Wattage Power: 2.44W/ft.	24VDC Max Run: 16 ft. Wattage Power: 4.4W/ft.	24VDC Max Run: 65 ft. Wattage Power: 1.22W/ft.	24VDC Max Run: 32 ft. Wattage Power: 2.44W/ft.	24VDC Max Run: 16 ft. Wattage Power: 4.4W/ft.
2700K	86	173	248	62	134	208
3000K	102	219	317	65	146	198
3500K	89	178	273	60	120	195
6300K	88	174	266	59	116	173
Green	88	148	151	30	48	78
Blue	18	30	37	6	12	18
Pink	39	93	110	17	37	53
Red	31	61	64	11	21	34
Gold	70	157	184	31	61	84
RGB				**Max Run:** 65.6 ft. **Wattage Power:** 1.22W / ft. *Factory Custom Lengths Only*		**Max Run:** 16.4 ft. **Wattage Power:** 4.4W / ft. *Factory Custom Lengths Only*

DAZZLE® Color Changing LED Light

Page 36-39

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

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



VALENT® X
Shake Shack, Fulton Center, NY

VALENT® X

TIGHT-PITCH

LED TAPE LIGHT

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

FEATURES & BENEFITS

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

QUICK SPECS

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

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

24VDC | 95+ CRI | UL CERTIFIED | UL Listed Field Cuttable | TITLE 24 CAN BE USED TO COMPLY WITH TITLE 24 PART 6 HIGH EFFICACY LED REQUIREMENTS JA8-2019-E

VALENT® X LED TAPE LIGHT

SPECIFICATIONS & SKU BUILDER

DI	-	VOLTAGE	-	MODEL	-	CCT	-	LENGTH
DI	-	24V (24VDC)	-	VLX1 (100 Lumen Range) VLX2 (200 Lumen Range) VLX3 (300 Lumen Range) VLX5 (500 Lumen Range) VLX8 (800 Lumen Range)	-	24 (2400K) 27 (2700K) 30 (3000K) 35 (3500K) 40 (4000K) 50 (5000K) 63 (6300K)	-	016 (16.4 ft.) 100 (100 ft.)

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

DI	-	24V	-	VLX8	-	50	-	016

DI-24V-VLX8-50-016

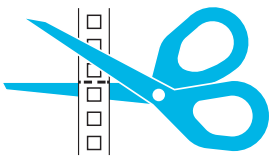
	100 LUMEN RANGE	200 LUMEN RANGE	300 LUMEN RANGE	500 LUMEN RANGE	800 LUMEN RANGE
	- 24V - VLX1 -	- 24V - VLX2 -	- 24V - VLX3 -	- 24V - VLX5 -	- 24V - VLX8 -
	Max. Run: 80 ft. Cut Points: 1.32 in. Wattage: 1.0W/ft.	Max. Run: 53 ft. Cut Points: 1.32 in. Wattage: 1.9W/ft.	Max. Run: 41 ft. Cut Points: 1.32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

Other Lumen Outputs available upon request

FACTORY ASSEMBLED LIGHTING FIXTURES

Install jobs faster and work more efficiently with lighting that arrives ready to install.

CALL FOR DETAILS



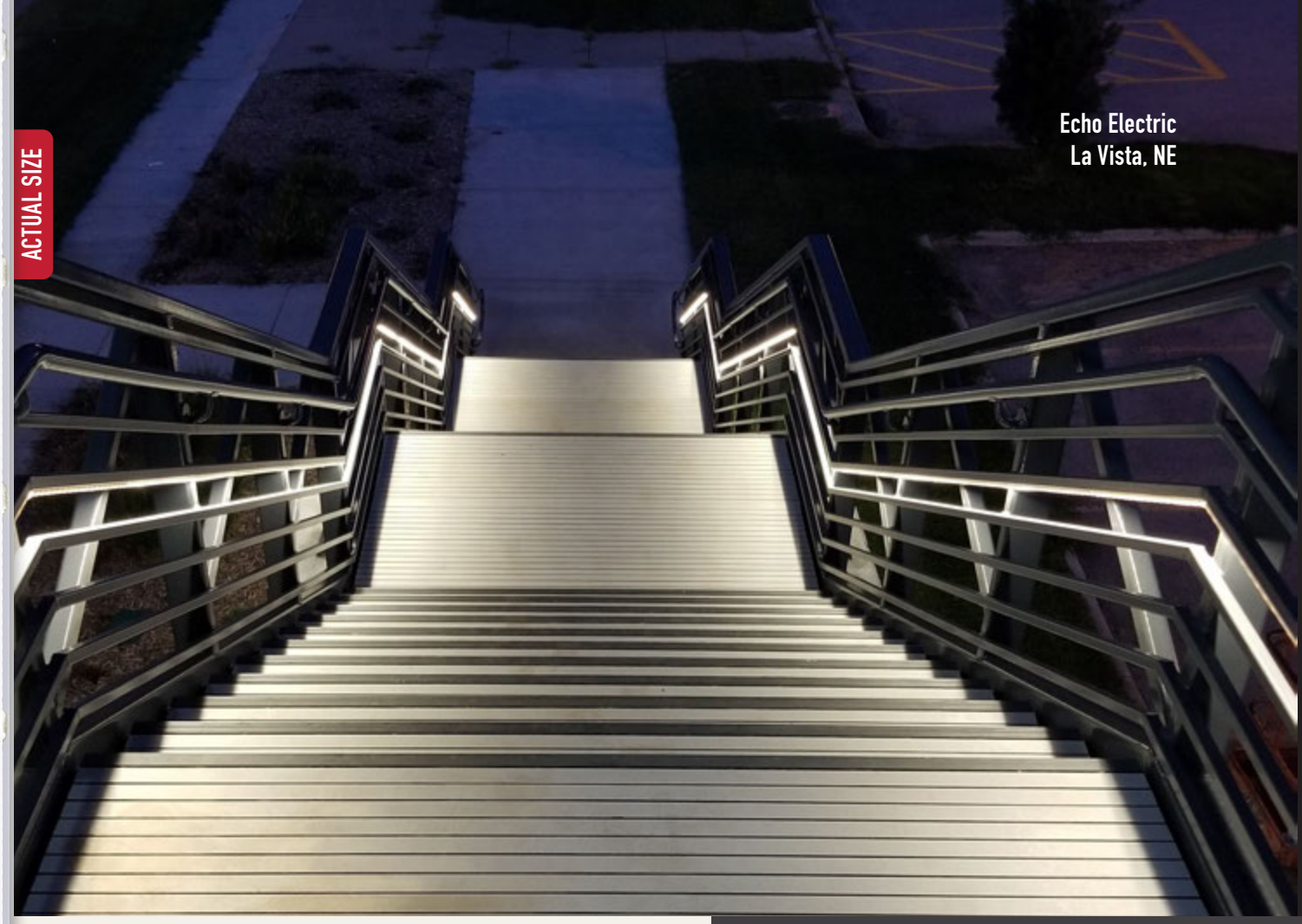
CONNECTORS PAGE 41

TITLE 24 CAN BE USED TO COMPLY WITH TITLE 24 PART 6 HIGH EFFICACY LED REQUIREMENTS JA8-2019-E

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

For a full list of Diode LED products visit the **CALIFORNIA ENERGY COMMISSION DATABASE** https://cacertappliances.energy.ca.gov/Pages/ApplianceSearch.aspx

(search for '**DIODE LED**' under the '**COMPANY**' tab)



VALENT® X

WET LOCATION

TIGHT-PITCH

LED TAPE LIGHT

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

FEATURES & BENEFITS

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

QUICK SPECS

Voltage	24VDC
CRI	95+
Warranty	12-Year Warranty
Dimmable	Yes
Environment	Outdoor / Wet Location / IP65
Certification	UL Listed 2108

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

24VDC | 95+ CRI | UL CERTIFIED | UL Listed Field Cuttable | TITLE 24 CAN BE USED TO COMPLY WITH TITLE 24 PART 6 HIGH EFFICACY LED REQUIREMENTS JA8-2019-E

VALENT® X WET LOCATION LED TAPE LIGHT

SPECIFICATIONS & SKU BUILDER

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

EXAMPLE: **24V VALENT X 500 LUMENS 3500K WET LOCATION 16.4 FT. SPOOL**

DI	-	24V	-	VLX5	-	35	-	W016

DI-24V-VLX5-35-W016

500
LUMEN RANGE

– 24V –

– VLX5 –

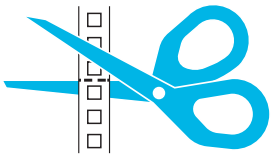
Max. Run: 30 ft.
Cut Points: 1.32 in.
Wattage: 4.6W/ft.

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

FACTORY ASSEMBLED LIGHTING FIXTURES

Install jobs faster and work more efficiently with lighting that arrives ready to install.

CALL FOR DETAILS



TITLE 24 CAN BE USED TO COMPLY WITH TITLE 24 PART 6 HIGH EFFICACY LED REQUIREMENTS JA8-2019-E

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

For a full list of Diode LED products visit the **CALIFORNIA ENERGY COMMISSION DATABASE**
https://cacertappliances.energy.ca.gov/Pages/ApplianceSearch.aspx

(search for '**DIODE LED**' under the '**COMPANY**' tab)

BLAZE™ X

LED TAPE LIGHT

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

FEATURES & BENEFITS

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

QUICK SPECS

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

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

12VDC 24VDC 95+ CRI UL CERTIFIED UL Listed Field Cuttable TITLE 24 CAN BE USED TO COMPLY WITH TITLE 24 PART 6 HIGH EFFICACY LED REQUIREMENTS JA8-2019-E

BLAZE™ X LED TAPE LIGHT

SPECIFICATIONS & SKU BUILDER

DI	-	VOLTAGE	-	MODEL	-	CCT	-	LENGTH
DI	-	12V (12VDC) 24V (24VDC)	-	BLX1 (100 Lumen Range) BLX2 (200 Lumen Range) BLX3 (300 Lumen Range)	-	20 (2000K) 24 (2400K) 27 (2700K) 30 (3000K) 35 (3500K) 42 (4200K) 50 (5000K) 63 (6300K)	-	016 (16.4 ft.) 100 (100 ft.)

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

DI	-	24V	-	BLX3	-	50	-	016

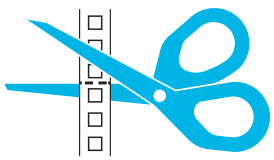
DI-24V-BLX3-50-016

	100 LUMEN RANGE		200 LUMEN RANGE		300 LUMEN RANGE	
	- 12V - - BLX1 -	- 24V - - BLX1 -	- 12V - - BLX2 -	- 24V - - BLX2 -	- 12V - - BLX3 -	- 24V - - BLX3 -
	Max. Run: 37 ft. Cut Points: 2 in. Wattage: 1.54W/ft.	Max. Run: 70 ft. Cut Points: 4 in. Wattage: 1.54W/ft.	Max. Run: 22 ft. Cut Points: 1 in. Wattage: 3.1W/ft.	Max. Run: 45 ft. Cut Points: 2 in. Wattage: 3.1W/ft.	Max. Run: 20 ft. Cut Points: 1 in. Wattage: 4.3W/ft.	Max. Run: 40 ft. Cut Points: 2in. Wattage: 4.3W/ft.
CCT	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.
2000K	–	92	–	181	–	261
2400K	110	114	225	226	318	322
2700K	109	112	221	224	305	318
3000K	122	126	247	253	339	360
3500K	126	131	241	254	352	357
4200K	127	133	254	264	349	365
5000K	128	135	262	264	358	378
6300K	121	123	262	276	380	393

FACTORY ASSEMBLED LIGHTING FIXTURES

Install jobs faster and work more efficiently with lighting that arrives ready to install.

CALL FOR DETAILS



CONNECTORS

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TITLE 24 CAN BE USED TO COMPLY WITH TITLE 24 PART 6 HIGH EFFICACY LED REQUIREMENTS JA8-2019-E

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

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(search for '**DIODE LED**' under the '**COMPANY**' tab)

Panic Lighting
Union, NJ

100

200 / 300

BLAZE™ X

WET LOCATION

LED TAPE LIGHT

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

FEATURES & BENEFITS

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

QUICK SPECS

Voltage	12VDC & 24VDC
CRI	95+
Warranty	12-Year Warranty
Dimming	Yes
Environment	Outdoor / Wet Location / IP65
Certification	UL Listed 2108

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

12VDC | 24VDC | 95+ CRI | UL CERTIFIED | UL Listed Field Cuttable | TITLE 24 CAN BE USED TO COMPLY WITH TITLE 24 PART 6 HIGH EFFICACY LED REQUIREMENTS JA8-2019-E

BLAZE® X WET LOCATION LED TAPE LIGHT

SPECIFICATIONS & SKU BUILDER

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

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

DI	-	24V	-	BLX3	-	35	-	W016

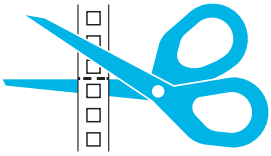
DI-24V-BLX3-35-W016

	100 LUMEN RANGE		200 LUMEN RANGE		300 LUMEN RANGE	
	- 12V - - BLX1 -	- 24V - - BLX1 -	- 12V - - BLX2 -	- 24V - - BLX2 -	- 12V - - BLX3 -	- 24V - - BLX3 -
	Max. Run: 37 ft. Cut Points: 2 in. Wattage: 1.54W/ft.	Max. Run: 70 ft. Cut Points: 4 in. Wattage: 1.54W/ft.	Max. Run: 22 ft. Cut Points: 1 in. Wattage: 3.1W/ft.	Max. Run: 45 ft. Cut Points: 2 in. Wattage: 3.1W/ft.	Max. Run: 20 ft. Cut Points: 1 in. Wattage: 4.3W/ft.	Max. Run: 40 ft. Cut Points: 2in. Wattage: 4.3W/ft.
CCT	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.
2400K	99	103	203	204	290	285
2700K	101	108	199	212	277	304
3000K	110	117	211	226	310	321
3500K	109	116	217	235	308	320

FACTORY ASSEMBLED LIGHTING FIXTURES

Install jobs faster and work more efficiently with lighting that arrives ready to install.

CALL FOR DETAILS



TITLE 24 CAN BE USED TO COMPLY WITH TITLE 24 PART 6 HIGH EFFICACY LED REQUIREMENTS JA8-2019-E

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

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(search for '**DIODE LED**' under the '**COMPANY**' tab)

BLAZE™
LED TAPE LIGHT

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

FEATURES & BENEFITS

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

QUICK SPECS

Voltage	12VDC & 24VDC
CRI	90+
Warranty	7-Year Warranty 12-Year Warranty (Colors)
Dimming	Dimmable
Environment	Indoor / Damp Location / IP20
Certification	UL Listed 2108

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

12VDC | 24VDC | 90+ CRI | DIMMABLE | UL CERTIFIED | UL Listed Field Cuttable | TITLE 24 CAN BE USED TO COMPLY WITH TITLE 24 PART 6 HIGH EFFICACY LED REQUIREMENTS JA8-2019-E

BLAZE™

SPECIFICATIONS & SKU BUILDER

DI	-	VOLTAGE	-	MODEL	LUMEN SERIES	-	CCT	-	LENGTH
DI	-	12V (12VDC) 24V (24VDC)	-	BLBSC	1 (100 Lumen Range) 2 (200 Lumen Range) 3 (300 Lumen Range)	-	27 (2700K) 30 (3000K) 35 (3500K) 42 (4200K) 50 (5000K) 63 (6300K)	-	016 (16.4 ft.) 100 (100 ft.) 400 (400 ft.)
				BLC	N/A		RD (Red) GN (Green) BL (Blue)		016 (16.4 ft.) 100 (100 ft.)

EXAMPLE: **24V BLAZE™ 100 LUMENS 5000K 100 FT. SPOOL**

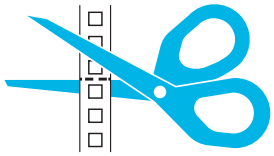
DI	-	24V	-	BLBSC	1	-	50	-	100

DI-24V-BLBSC1-50-100

	100 LUMEN RANGE		200 LUMEN RANGE		300 LUMEN RANGE	COLORS	
	- 12V - -BLBSC1-	- 24V - -BLBSC1-	- 12V - -BLBSC2-	- 24V - -BLBSC2-	- 24V - -BLBSC3-	- 12V - -BLC-	- 24V - -BLC-
	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.	Max. Run: 22 ft. Cut Points: 2 in. Wattage: 4.5W/ft.	Max. Run: 20 ft. Cut Points: 1 in. Wattage: 3.0/ft.	Max. Run: 40 ft. Cut Points: 2 in. Wattage: 3.0/ft.
CCT	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.
2000K	–	–	–	–	290	–	–
2700K	117	113	212	233	338	–	–
3000K	121	117	221	237	344	–	–
3500K	117	126	236	249	329	–	–
4200K	131	133	252	265	344	–	–
5000K	130	132	256	261	338	–	–
6300K	121	123	272	276	341	–	–
Red	–	–	–	–	–	95	98
Green						300	71
Blue						75	71

FACTORY ASSEMBLED LIGHTING FIXTURES

Install jobs faster and work more efficiently with lighting that arrives ready to install.
CALL FOR DETAILS



CONNECTORS

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TITLE 24 CAN BE USED TO COMPLY WITH TITLE 24 PART 6 HIGH EFFICACY LED REQUIREMENTS JA8-2019-E

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

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CALIFORNIA ENERGY COMMISSION DATABASE
https://cacertappliances.energy.ca.gov/Pages/ApplianceSearch.aspx

(search for '**DIODE LED**' under the '**COMPANY**' tab)

BLAZE™

WET LOCATION LED STRIP LIGHT

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

FEATURES & BENEFITS

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

QUICK SPECS

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

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

12VDC | 24VDC | 90+ CRI | DIMMABLE | UL CERTIFIED | UL Listed Field Cuttable | TITLE 24 CAN BE USED TO COMPLY WITH TITLE 24 PART 6 HIGH EFFICACY LED REQUIREMENTS JA8-2019-E

BLAZE™ WET LOCATION LED STRIP LIGHT

SPECIFICATIONS & SKU BUILDER

DI	-	VOLTAGE	-	MODEL	LUMEN SERIES	-	CCT	-	LENGTH
DI	-	12V (12VDC) 24V (24VDC)	-	BLBSC	1 (100 Lumen Range) 2 (200 Lumen Range) 3 (300 Lumen Range)	-	27 (2700K) 30 (3000K) 50 (5000K) 63 (6300K)	-	W016 (16.4 ft.) W100 (100 ft.)

EXAMPLE: **24V BLAZE™ 100 LUMENS 5000K WET LOCATION 100 FT. SPOOL**

DI	-	24V	-	BLBSC	1	-	50	-	W100

DI-24V-BLBSC1-50-W100

	100 LUMEN RANGE		200 LUMEN RANGE		300 LUMEN RANGE
	- 12V - BLBSC1 -	- 24V - BLBSC1 -	- 12V - BLBSC2 -	- 24V - BLBSC2 -	- 24V - BLBSC3 -
	Max. Run: 27 ft. Cut Points: 2 in. Wattage: 1.46W/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.	Max. Run: 22 ft. Cut Points: 2 in. Wattage: 4.5W/ft.
CCT	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.
2700K	107	106	206	209	331
3000K	116	114	221	226	337
5000K	116	114	227	224	329
6300K	–	–	–	–	335

FACTORY ASSEMBLED LIGHTING FIXTURES

Install jobs faster and work more efficiently with lighting that arrives ready to install.

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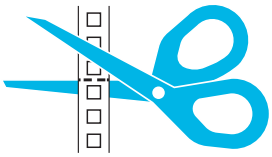

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(search for '**DIODE LED**' under the '**COMPANY**' tab)

Unparalleled UL Certification & Testing

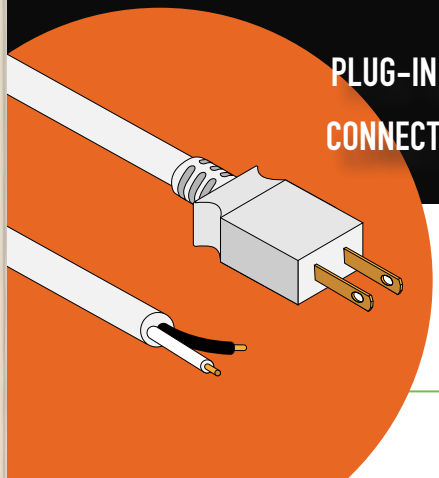
- UL Listed flexible LED lighting
- Flame test 5VA - fire resistant
- Cold-bend tested - no cracking
- Ball impact tested
- Coil bend tested
- IP65 environmental rating

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

INFINILINE®

DRIVERLESS 120VAC LINEAR LED LIGHTING

Our patented INFINILINE linear LED lighting is an easy to install and robust solution for large-scale applications. The driverless AC power design brings intuitive and labor saving installation to any continuous indoor/ outdoor environment up to 164 feet. INFINILINE is UL Listed to meet updated and new UL standards; making this flexible LED strip light one of the safest and most advanced LED Lighting products on the market.



PLUG-IN & HARD-WIRED CONNECTIONS AVAILABLE

FEATURES & BENEFITS

- IP65 & UV Resistant
- Optional Jumpers for tight corners

QUICK SPECS

Voltage	120VAC
Max. Run	164 ft.
Warranty	5-Year Warranty
Dimming	See specification sheet for dimming recomendations
Environment	Outdoor / Wet Location / IP65
Certification	UL Listed 2388 : Plug-in Installations UL Listed 1598; ETL Certified, CANADA : Hard-Wired Installations

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

CERTIFIED

Intertek

Designed, Developed, and Patented by Diode LED

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

Mounting Channel & Adjustable Brackets
When ordering INFINILINE, ask about our mounting options for your unique project.

WHEN YOU ORDER INFINILINE, YOU GET...

» 5 Year limited warranty for the best high voltage LED Tape light on the market

» Optional factory-sealed jumpers for safely and easily maneuvering sharp corners

» Floating stress-relief on all connections for durability & reliability

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

INFINILINE®

Value engineered for ambient or accent lighting.

Voltage: 120VAC
Max Run: 164 ft
Length Increments: Every 8 in.
Wattage: 3.7W/ft.
CRI: 90+

CCT*	LUMENS / FT.
2700K	289
3000K	300
3500K	308
4200K	351

Product specs subject to change. Contact your account manager for current technical/warranty specifications.
** CCT range +/- 300K*

ALPHATECH® X

LINEAR LED LIGHTING

The AlphaTECH series is professional grade, fully diffused linear LED lighting for outdoors and indoors. Made in America*, AlphaTECH delivers reliably beautiful light in harsh environments including direct sunlight, wet locations, and even submerged in fountains, swimming pools, and saunas. Top and side-bending versions feature seamless end-to-end linkability and multiple mounting options.

AlphaTECH delivers diffused, flawless light with none of the color shifting and tint problems often associated with wet-location linear light. There is no need to sacrifice performance for durability.

*With foreign components

FEATURES & BENEFITS

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

QUICK SPECS

Voltage	24VDC
CRI	95+
Warranty	5-Year Warranty
Dimming	Dimmable
Environment	Indoor / Outdoor, IP69, Sauna
Certification	UL 2108, UL 676, NSF

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

24VDC | DIMMABLE | 95+ CRI | UL CERTIFIED | BUY AMERICAN ACT COMPLIANT

ALPHATECH® X LINEAR LED LIGHTING

SPECIFICATIONS & SKU BUILDER

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

EXAMPLE: **24V SIDE BEND ALPHATECH® X - 250 LUMENS - 3000K CCT**

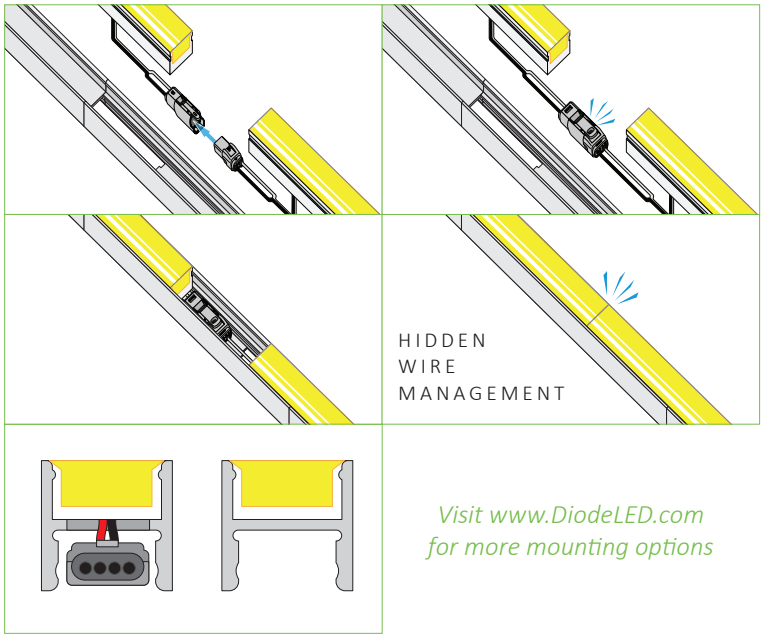
DI	-	24V	-	TE	-	ATX	-	250	-	30

DI-24V-TE-ATX-250-30

100 LUMEN RANGE TOP BEND	250 LUMEN RANGE SIDE BEND	400 LUMEN RANGE TOP BEND
Voltage: 24VDC Max. Run: 16 ft. Wattage: 6.2W/ft.	Voltage: 24VDC Max. Run: 16 ft. Wattage: 5.6W/ft.	Voltage: 24VDC Max. Run: 16 ft. Wattage: 4.6W/ft.

CCT			LUMENS / FT.
2400K	–	248	380
2700K	–	266	409
3000K	–	314	393
3500K	–	–	410
RGBW	95	–	–

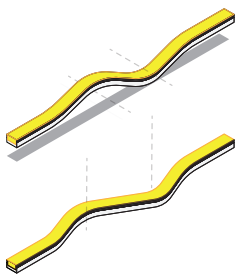
UNDER WIRE CHANNEL



Visit www.DiodeLED.com for more mounting options

ORIENTATION OPTIONS

TOP BEND & SIDE BEND



STREAMLITE™

DIFFUSED COB LINEAR LIGHT

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

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

FEATURES & BENEFITS

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

QUICK SPECS

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

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

24VDC

DIMMABLE

90+ CRI

CERTIFIED

STREAMLITE™ LED STRIP LIGHT

SPECIFICATIONS & SKU BUILDER

DI	-	VOLTAGE	-	MODEL	-	CCT	-	LENGTH
DI	-	12V (12VDC, 3000K & 4000K only) 24V (24VDC)	-	STMLT	-	27 (2700K) 30 (3000K) 40 (4000K) RD (Red) GN (Green)	-	016 (16.4 ft. Indoor) W016 (16.4 ft. Wet location)

EXAMPLE: **STREAMLITE™ 3000K WET LOCATION 16.4 FOOT SPOOL**

DI	-	24V	-	STMLT	-	30	-	W016

DI-24V-STMLT-30-W016

INDOOR-IP20	WET LOCATION-IP65	
- 24V - STMLT -	- 12V - STMLT - ** - W	- 24V - STMLT - ** - W
Max. Run: 16.4 ft. Cut Points: 2.5 in. Wattage: 3.3W/ft.	Max. Run: 16.4 ft. Cut Points: 1.4 in. Wattage: 3.3W/ft.	Max. Run: 16.4 ft. Cut Points: 2.5 in. Wattage: 3.3W/ft.

CCT	LUMENS / FT.	LUMENS / FT.	LUMENS / FT.
2700K	288	–	221
3000K	292	251	256
4000K	323	266	271
Red	42	–	38
Green	236	–	205

INDOOR STREAMLITE CONNECTORS

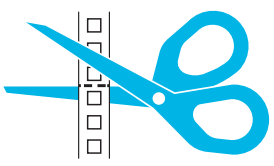
IMAGE	SKU	PRODUCT DESCRIPTION
	DI-STMLT-CKT-SPL24-1	STREAMLITE Tape-to-Wire Connector, 24 in. (Splice)
	DI-STMLT-CKT-TTT-EXT	STREAMLITE Tape-to-Tape Connector, 12 in. Wire (Jumper)
	DI-STMLT-CKT-TTT-1	STREAMLITE Tape-to-Tape connector, No Wire (Tape-to-Tape)

Wet Location Connectors can be Factory Assembled for specific lengths

FACTORY ASSEMBLED LIGHTING FIXTURES

Install jobs faster and work more efficiently with lighting that arrives ready to install.

CALL FOR DETAILS



HYDROLUME® SLIM

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

Available in your choice of IP ratings..

FIELD CUTTABLE – IP65

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

FACTORY FINISHED – IP68 SUBMERSIBLE

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

FEATURES & BENEFITS

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

QUICK SPECS

Voltage	24VDC
Wattage	1.22W/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.

24VDC

CERTIFIED

UL Listed Field Cuttable

DIMMABLE

COLOR-CHANGING

HYDROLUME® SLIM LED TAPE LIGHT

SPECIFICATIONS & SKU BUILDER

DI	-	VOLTAGE	-	MODEL	-	CCT	-	LENGTH	-	IP RATING
DI	-	24V (24VDC)	-	HLS (Standard) HLSP (High Density)	-	27 (2700K) 30 (3000K) 40 (4000K) 65 (6500K)	-	65 (65.6 ft. - Standard Only) 32 (32.8 ft. - High Density Only)	-	IP65 IP68

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

DI	-	24V	-	HLSP	-	30	-	32	-	IP65

DI-24V-HLSP30-32-IP65

HYDROLUME® SLIM LED TAPE LIGHT

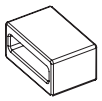
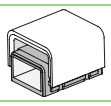
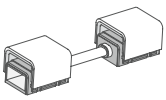
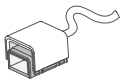
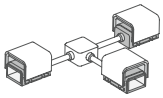
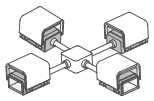
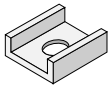
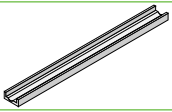
HYDROLUME SLIM	HYDROLUME SLIM HD
- 24V -	- 24V -
- HLS-** -	- HLSP-** -
Max Run: 65.5 ft. Cut Point: 9.84 in. Chip Density: 8 / ft. Wattage: 1.22W / ft.	Max Run: 32.8 ft. Cut Point: 6.88 in. Chip Density: 12 / ft. Wattage: 2.44W / ft.

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

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

RGB (IP68)	Lumens/ft.: 96 Max. Max Run: 25.29 ft. Wattage: 3W/ft.	HYDROLUME RGB is only available in factory made lengths that are IP68 & UL 676 rated. **Call for details 877.817.6028**

HYDROLUME® CONNECTORS & ACCESSORIES (IP65)

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

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

FEATURES & BENEFITS

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

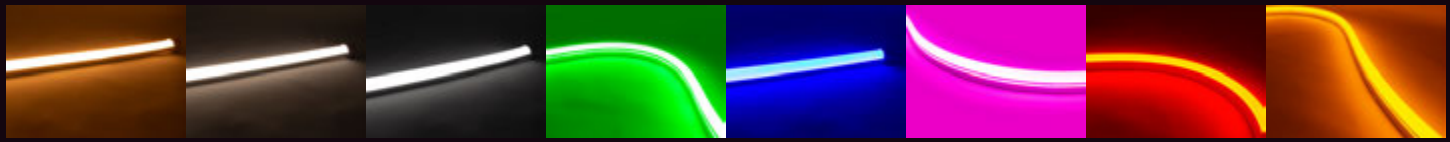
QUICK SPECS

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

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

NEON BLAZE™

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



24VDC

CERTIFIED

UL Listed Field Cuttable

DIMMABLE

COLOR-CHANGING

NEON BLAZE™ LINEAR LIGHTING

SPECIFICATIONS & SKU BUILDER

DI	-	VOLTAGE	-	BEND STYLE	-	MODEL	-	CCT	-	LENGTH
DI	-	24V (24VDC)	-	SE TE	-	NBL1 NBL2 NBL4	-	27 30 35 63 GN	BL PK RD GL RGB (SE Only)	-	16 (16 ft.- 4.4W) 32 (32 ft. -2.4W) 65 (65 ft. - 1.22W)

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

BEND STYLE

TOP BEND -TE-

SIDE BEND -SE-

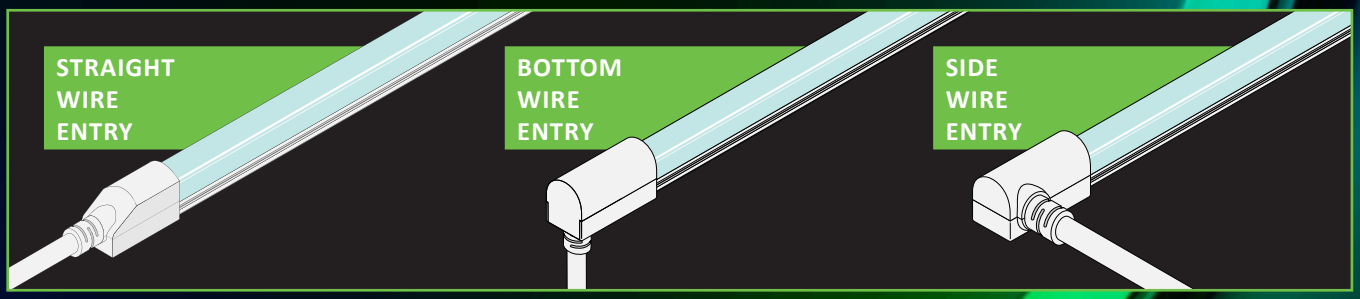
POWER OPTIONS ~ LENGTHS

		TOP BEND -TE-			SIDE BEND -SE-		
		1.22W / ft. -NBL1- Max run/ spool length: 65 ft. -65-	2.44W / ft. -NBL2- Max run/ spool length: 32 ft. -32-	4.4W / ft. -NBL4- Max run/ spool length: 16 ft. -16-	1.22W / ft. -NBL1- Max run/ spool length: 65 ft. -65-	2.44W / 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.
-27-	2700K	86	173	248	62	134	208
-30-	3000K	102	219	317	65	146	198
-35-	3500K	89	273	273	60	120	195
-63-	6300K	88	266	266	59	116	173
-GN-	Green	88	148	151	30	48	78
-BL-	Blue	18	30	37	6	12	18
-PK-	Pink	39	93	110	17	37	53
-RD-	Red	31	61	64	11	21	34
-GL-	Gold	70	157	184	31	61	84
-RGB- Side Bend Only	RGB	**NEON RGB is only available in factory assembled lengths and is not field cuttable. Call for details.**			20 lumen Maximum	NA	42 lumen Maximum

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



NEON BLAZE CONNECTORS

EXPANDED CONNECTORS

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

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

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

NEON BLAZE MOUNTING HARDWARE

EXPANDED MOUNTING HARDWARE

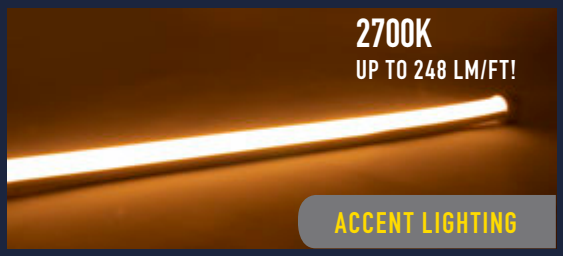
SKU	DESCRIPTION
DI-TE-NB-TUC-16	Top Bending Neon top u-clip, bag of 16
DI-TE-NB-BUC-16	Top Bending Neon bottom u-clip, bag of 16
DI-TE-NB-MTCH	Top Bending Neon channel 35 in.
DI-TE-NB-FLCH-WH	Top Bending Neon Flexible Spine Channel 39 in.

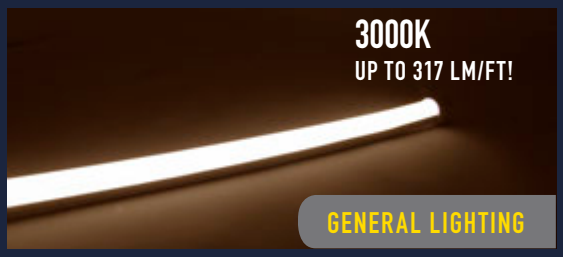
SKU	DESCRIPTION
DI-SE-NB-TUC-16	Side Bending Neon Top u-clip, bag of 16
DI-SE-NB-BUC-16	Side Bending Neon Bottom u-clip, bag of 16
DI-SE-NB-MTCH	Side Bending Neon 35" inch channel
DI-SE-NB-FLCH-WH	Side Bending Neon Flexible Spine Channel 39 in.

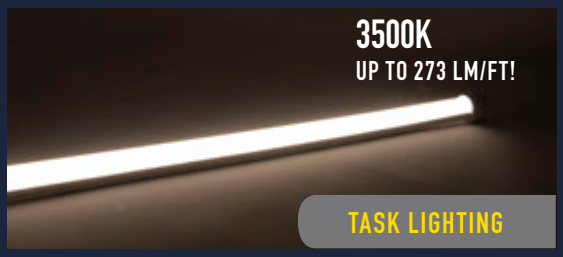
TOTALLY DIFFUSED *FLEXIBLE* WHITE LIGHT NEON BLAZE™

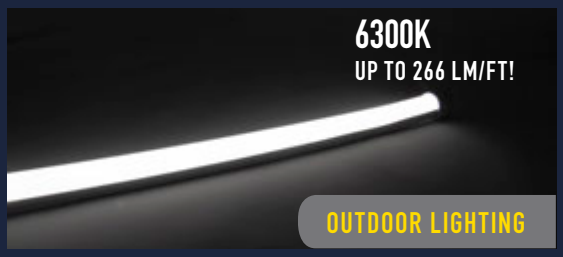
With high output white NEON BLAZE™, it has never been easier to create a professional, seamlessly illuminated environment. Total diffusion and quality light output are easily achieved without the complicated use of diffusion covers. It is also dimmable and field cuttable.

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









BLAZE™ SELECT
TUNABLE WHITE LIGHTING SYSTEM

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

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

- Mobile
- Standalone Remote
- Wall-mounted

FEATURES & BENEFITS

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

QUICK SPECS

Voltage	24VDC
CRI	95+
Warranty	12-Year Warranty
Dimming	Dimmable, Color Tuning
Environment	Indoor / Damp Location / IP20
Certification	UL Listed 2108

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

24VDC | 95+ CRI | UL CERTIFIED | UL Listed Field Cuttable | TUNABLE WHITE

BLAZE™ SELECT TUNABLE WHITE LIGHT SYSTEM

SPECIFICATIONS & SKU BUILDER

DI	-	VOLTAGE	-	MODEL	-	CCT	-	LENGTH
DI	-	24V (24VDC)	-	BLSEL	-	TW2460	-	016 (16.4 ft.) 100 (100 ft.)

EXAMPLE: BLAZE™ SELECT 24V 16.4 FT SPOOL

DI	-	24V	-	BLSEL	-	TW2460	-	016

DI-24V-BLSEL-TW2460-016

BLAZE™ SELECT

-BLSEL- TW2460 -

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

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

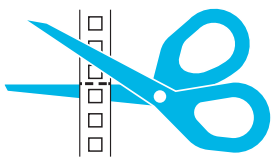
Tunable White Light Controllers

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

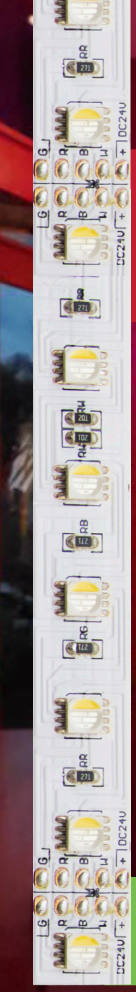
FACTORY ASSEMBLED LIGHTING FIXTURES

Install jobs faster and work more efficiently with lighting that arrives ready to install.

CALL FOR DETAILS



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



Acropolis Lighting
San Luis Obispo, CA

DAZZLE® 24

RGBW 4D

QUAD-CHIP

COLOR WITH WHITE LIGHT

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

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

FEATURES & BENEFITS

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

QUICK SPECS

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

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

DAZZLE® 24 RGBW 4D LED TAPE LIGHT

SPECIFICATIONS & SKU BUILDER

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

EXAMPLE: DAZZLE® RGBW 4D 16.4 FOOT INDOOR SPOOL

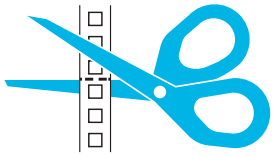
DI	-	24V	-	RGBW4	-	0016

DI-24V-RGBW4-0016

INDOOR-IP20	WET LOCATION-IP65
- 24V - - RGBW4 - Max. Run: 16.4 ft. Cut Points: 4 in. Wattage: 6.4 W/ft.	- 24V - - RGBW4 - W Max. Run: 16.4 ft. Cut Points: 4 in. Wattage: 6.4 W/ft.

CCT	LUMENS / FT.	LUMENS / FT.
RGB	275	239
(W) 3000K		

FACTORY ASSEMBLED LIGHTING FIXTURES
Install jobs faster and work more efficiently with lighting that arrives ready to install.
CALL FOR DETAILS



Color Controllers on Page 58

Indoor-IP20 CONNECTORS PAGE 40

Wet Location RGB Connector & Accessories

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

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

ACTUAL SIZE

INDOOR

WET LOCATION

Acropolis Lighting
San Luis Obispo, CA

DAZZLE® 24 RGB Color Changing LED TAPE LIGHT

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

FEATURES & BENEFITS

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

QUICK SPECS

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

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

24VDC

CERTIFIED

UL Listed Field Cuttable

COLOR-CHANGING

DAZZLE® 24 RGB TAPE LIGHT

SPECIFICATIONS & SKU BUILDER

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

EXAMPLE: DAZZLE® RGB WET LOCATION 16.4 FT. SPOOL

DI	-	24V	-	DRGB	-	W016

DI-24V-DRGB-W016

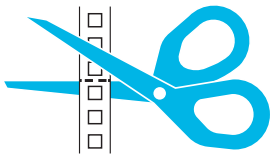
INDOOR-IP20	WET LOCATION-IP65
- 24V - - DRGB - Max. Run: 16.4 ft. Cut Points: 4 in. Wattage: 4.32W/ft.	- 24V - - DRGB - W Max. Run: 16.4 ft. Cut Points: 4 in. Wattage: 4.32W/ft.

CCT	LUMENS / FT.	LUMENS / FT.
RGB	160	160

FACTORY ASSEMBLED LIGHTING FIXTURES

Install jobs faster and work more efficiently with lighting that arrives ready to install.

CALL FOR DETAILS



Color Controllers on Page 58

CONNECTORS PAGE 40

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

8mm Tape Light Terminal Block Connector

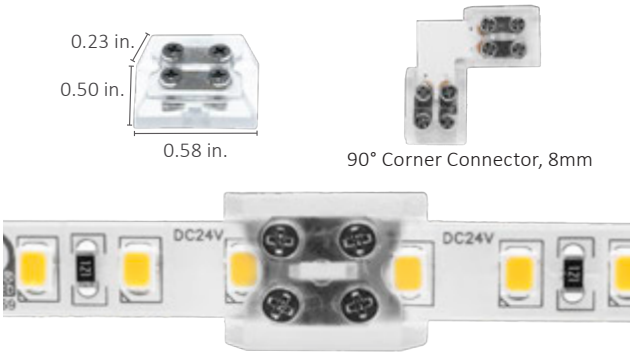
60W on 12V circuits
96W on 24V circuits

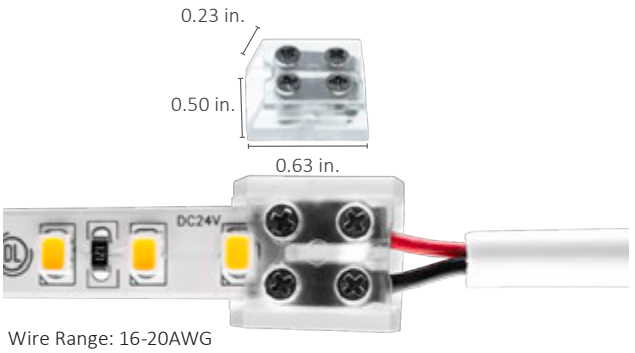
Connector Note: Class 2 maximum load limit on all tape light connectors.

Terminal Tape Light Connector Compatibility

BLAZE™ X | BLAZE™ | BLAZE™ COLORS

View product page for full compatibility and installation guidelines

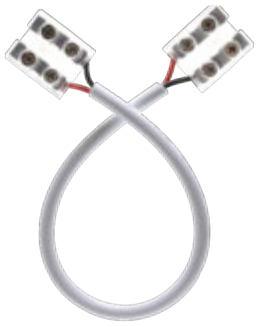




Wire Range: 16-20AWG

8mm Tape-To-Tape Terminal Connectors

SKU	BUNDLE OPTIONS
DI-TB8-CONN-TTT-1	Single
DI-TB8-CONN-TTT-5	Pack of 5, bulk
DI-TB8-CONN-TTT-25	Pack of 25, individually bagged
DI-TB8-CONN-TTT-25-BULK	Pack of 25, bulk
DI-TB8-90-TTT-1	Tape Light 90 Degree Corner Connector With Attached 8mm Tape-to-Tape Terminal Blocks - Pack of 1



8mm Tape-To-Tape Terminal Connectors w/ Jumper Cables

SKU	BUNDLE OPTIONS
DI-TB8-60JPR-TTT-1	Single, Jumper Cable, 60 in. 20 AWG Wire Lead
DI-TB8-60JPR-TTT-25	Pack of 25, singles, Jumper Cable, 60 in. 20 AWG WireLead
DI-TB8-60JPR-TTT-25B	Pack of 25, bulk, Jumper Cable, 60 in. 20 AWG Wire Lead
DI-TB8-6JPR-TTT-1	Single, Jumper Cable, 6 in. 20 AWG Wire Lead
DI-TB8-6JPR-TTT-25	Pack of 25, singles, Jumper Cable, 6 in. 20 AWG Wire Lead
DI-TB8-6JPR-TTT-25B	Pack of 25, bulk, Jumper Cable, 6 in. 20 AWG Wire Lead

8mm Tape-To-Wire Terminal Connectors

SKU	BUNDLE OPTIONS
DI-TB8-CONN-TTW-1	Single
DI-TB8-CONN-TTW-5	Pack of 5
DI-TB8-CONN-TTW-25	Pack of 25, individually bagged
DI-TB8-CONN-TTW-25-BULK	Pack of 25, bulk

8mm Tape-To-Wire Terminal Connectors w/ Splice Cable Leads

SKU	BUNDLE OPTIONS
DI-TB8-60SPL-TTW-1	Single, Lead Wire Attached, 60 in. 20 AWG Splice Wire
DI-TB8-60SPL-TTW-25	Pack of 25, singles, Lead Wire Attached, 60 in. 20 AWG Splice Wire
DI-TB8-60SPL-TTW-25B	Pack of 25, bulk, Lead Wire Attached, 60 in. 20 AWG Splice Wire

8mm Tape-to-Wire Terminal Connectors fit within SLIM Channel

See page 45 for more info on SLIM Channel

12mm Tape Light Terminal Block Connector

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

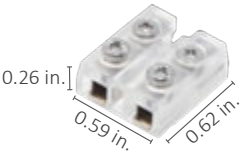
Connector Note: Class 2 maximum load limit on all tape light connectors.

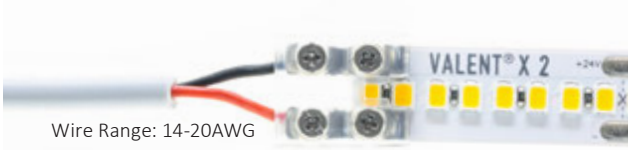
Terminal Tape Light Connector Compatibility

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

View product page for full compatibility and installation guidelines

90° Corner Connector, 12mm





Wire Range: 14-20AWG

12mm Tape-To-Tape Terminal Connectors

SKU	BUNDLE OPTIONS
DI-TB12-CONN-TTT	Single
DI-TB12-CONN-TTT-5	Pack of 5
DI-TB12-CONN-TTT-25	Pack of 25, individually bagged
DI-TB12-CONN-TTT-25-BULK	Pack of 25, bulk
DI-TB12-90-TTT-1	Tape Light 90 Degree Corner Connector With Attached 12mm Tape-to-Tape Terminal Blocks - Pack of 1

12mm Tape-To-Wire Terminal Connectors

SKU	BUNDLE OPTIONS
DI-TB12-CONN-TTW	Single
DI-TB12-CONN-TTW-5	Pack of 5
DI-TB12-CONN-TTW-25	Pack of 25, individually bagged
DI-TB12-CONN-TTW-25	Pack of 25, bulk

CLICKTIGHT® Color Changing Tape Light Connectors

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

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

96W on 24V circuits

LED TAPE LIGHT COMPATIBILITY

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

BUILT YOUR WAY & READY TO INSTALL

SAVE INSTALL TIME
OPTIMIZED ILLUMINATION
FACTORY-CERTIFIED CUSTOMIZATION

FACTORY ASSEMBLY
TASK • ACCENT • DISPLAY

Large commercial or retail applications & small residential projects

FACTORY CUT LINEAR LIGHTING

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

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

FACTORY CUT CHANNEL PROFILES

Custom cut channel profiles to precise measurements.

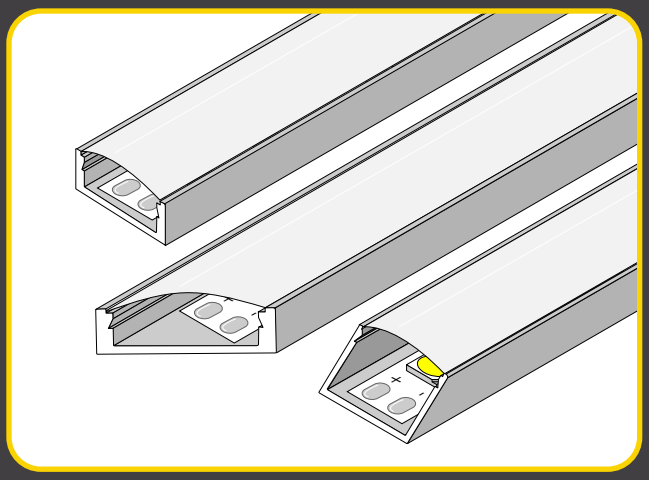
Recommended for installers who prefer field-cut installations with stocked Diode LED tape lighting.

FULLY ASSEMBLED CHANNELS

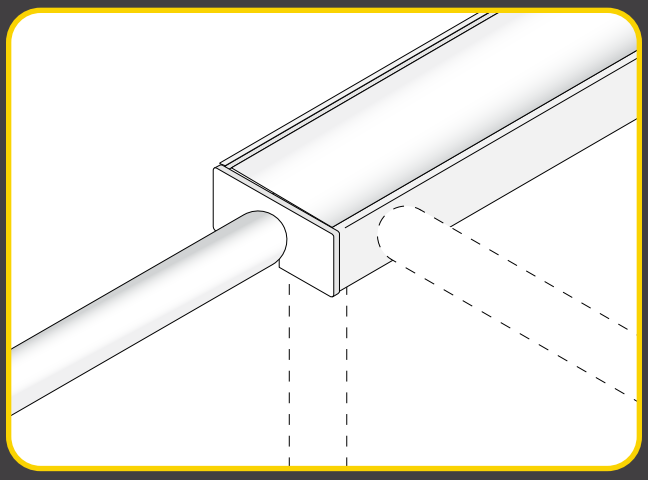
Premium creation of a complete, ready-to-install low-voltage lighting fixture (tape light and channel combined).

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

FACTORY ASSEMBLY



MITER CUTS ON CHANNELS



ALTERNATE WIRE ENTRY

FACTORY CUT LINEAR LIGHTING	FACTORY CUT CHANNEL PROFILES	FULLY ASSEMBLED CHANNELS	FACTORY SOLUTIONS
●		●	**LUMEN OUTPUT & COLOR** Choose from available CCTs or color changing options.
●		●	**LENGTH AND CONNECTION** Your choice of wire and connection to integrate seamlessly with your environment.
	●	●	**CHANNEL PROFILE** Select from over a dozen proven and reliable channel options, the ideal style for your project.
	●		**MITER CUTS *** Directional 45 degree end-cuts can be made for multi-axis lighting projects.
		●	**ALTERNATE WIRE ENTRY *** Choose an *Alternate Wire Entry* for cleaner installations requiring side or back wire entry.
		●	**MOUNTING OPTIONS *** Pressure-fit clips, adhesives, suspension cables, and magnetic alternatives.

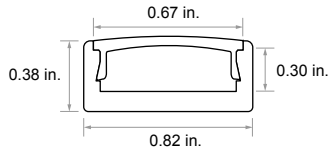
** Not available on all profiles. See specifications at www.DiodeLED.com or call Customer Service for details.*

TAPE LIGHT CHANNEL COMPATIBILITY CHART

CHANNELS	TAPE LIGHT												
	BLAZE™ BLAZE™ X BLAZE™ COLORS	VALENT®X	DAZZLE 24® RGB	DAZZLE 24® RGBW DAZZLE 24® RGBW 4D	STREAM-LITE™	BLAZE™ SELECT	BLAZE™ MINI	SQUIGGLY™ 200	WET LOCATION BLAZE™ BLAZE™ X	WET LOCATION VALENT® X	WET LOCATION DAZZLE 24® RGB	WET LOCATION DAZZLE 24® RGBW DAZZLE 24® RGBW 4D	WET LOCATION STREAM-LITE™
SLIM	●	●	●	●	●	●	●	●	●	–	–	–	●
CANAL	●	●	●	●	●	●	●	●	●	–	–	–	●
SQUARE	●	●	●	●	●	●	●	●	●	–	–	–	●
ROD	●	●	●	–	●	●	●	●	–	–	–	–	–
GRAZER Narrow	●	–	●	–	●	●	●	●	–	–	–	–	–
45°	●	●	●	●	●	●	●	●	●	–	–	–	●
16mm	●	●	●	●	●	●	●	●	●	●	●	–	●
SCONCE	●	–	–	–	●	●	●	●	●	–	●	–	●
10mm SQUARE CORNER	●	–	●	–	●	●	●	●	–	–	–	–	–
20mm SQUARE CORNER	●	●	●	●	●	●	●	●	–	●	–	–	–
45° DECO	●	●	●	–	●	●	●	●	–	–	–	–	–
10mm ROUNDED CORNER	●	–	●	–	●	●	●	●	–	–	–	–	–
20mm ROUNDED CORNER	●	●	●	●	●	●	●	●	–	●	–	–	–
SLIM RECESSED	●	–	●	–	●	●	●	●	–	–	–	–	–
RECESSED	●	●	●	●	●	●	●	●	●	–	●	–	●
S1	●	●	●	–	●	●	●	●	●	–	–	–	●
REFLECTOR	●	●	●	●	●	●	●	●	●	–	–	–	●
90° SIDEVIEW	●	●	●	●	●	●	●	●	●	–	–	–	●
WAVEFORM	●	●	●	–	●	●	●	●	●	–	●	–	●
MUD-IN 1 INCH	●	●	●	●	●	●	●	●	●	●	●	●	●
MUD-IN 2 INCH	●	●	●	●	●	●	●	●	●	●	●	●	●

NOTE: **Channel Bundles** are **not** interchangeable with each other. Check online specification sheet for connector compatibility.

CHANNEL BUNDLE
SLIM



TAPE LIGHT COMPATIBILITY:

BLAZE™ X
BLAZE™
VALENT® X

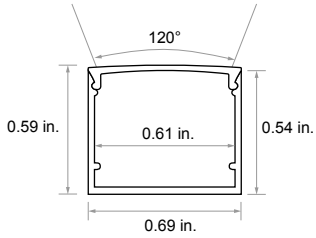
See chart on page 44 for full compatibility list

SKU	PRODUCT INCLUDES
DI-CPCHB-SL-48(*)	• 48 in. channel & frosted cover • 2 mounting clips with screws • End caps: 1x open, 1x closed
DI-CPCHB-SL-96(*)	• 96 in. channel & frosted cover • 4 mounting clips with screws • End caps: 2x open, 2x closed

See SLIM accessories on our website www.DiodeLED.com

*See Finish Options to the right for SKU add-on for color options
Example: SLIM Channel in White: DI-CPCHB-SL-48W

CHANNEL BUNDLE
CANAL



TAPE LIGHT COMPATIBILITY:

BLAZE™ X
BLAZE™
VALENT® X

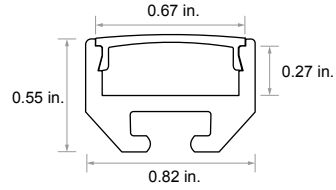
See chart on page 44 for full compatibility list

SKU	PRODUCT INCLUDES
DI-CPCHB-CAN-48(*)	• 48 in. channel & frosted cover • 2 surface mounting clips • End caps: 1x open, 1x closed
DI-CPCHB-CAN-96(*)	• 96 in. channel & frosted cover • 4 surface mounting clips • End caps: 2x open, 2x closed

See CANAL accessories on our website www.DiodeLED.com

*See Finish Options to the right for SKU add-on for color options
Example: CANAL Channel in White: DI-CPCHB-CAN-48W

CHANNEL BUNDLE
SQUARE



TAPE LIGHT COMPATIBILITY:

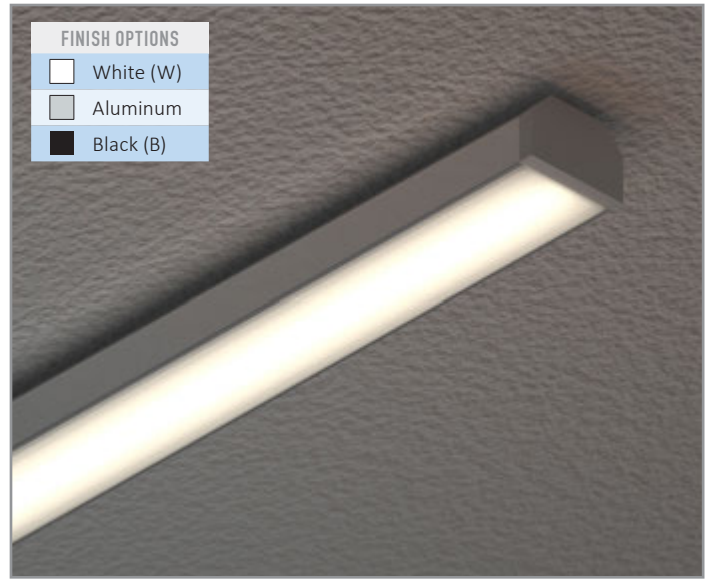
BLAZE™ X
BLAZE™
VALENT® X

See chart on page 44 for full compatibility list

SKU	PRODUCT INCLUDES
DI-CPCHB-SQ-48(*)	• 48 in. channel & frosted cover • 2 mounting clips with screws • End caps: 1x open, 1x closed
DI-CPCHB-SQ-96(*)	• 96 in. channel & frosted cover • 2 mounting clips with screws • End caps: 2x open, 2x closed

See SQUARE accessories on our website www.DiodeLED.com

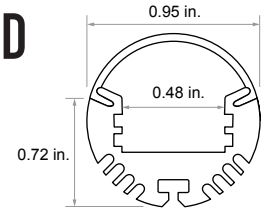
*See Finish Options to the right for SKU add-on for color options
Example: SQUARE Channel in White: DI-CPCHB-SQ-48W



NOTE: **Channel Bundles** are **not** interchangeable with each other. Check online specification sheet for connector compatibility.

CHANNEL BUNDLE

CLOSET ROD



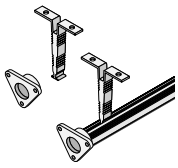
TAPE LIGHT COMPATIBILITY:

BLAZE™ X
VALENT® X
BLAZE™

See chart on page 44 for full compatibility list

CLOSET BRACKETS

SKU	PRODUCT INCLUDES
DI-CPCHPB-RDCL-79	• 78 in. closet channel & frosted cover • 2 closet lighting brackets • 180° swivel bracket • End caps: 1x open, 1x closed

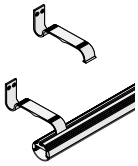


ART BRACKETS

SKU	PRODUCT INCLUDES
DI-CPCHB-RDART-79	• 78 in. art channel & frosted cover • 2 art lighting brackets • 180° swivel bracket • End caps: 1x open, 1x closed

WALL BRACKETS

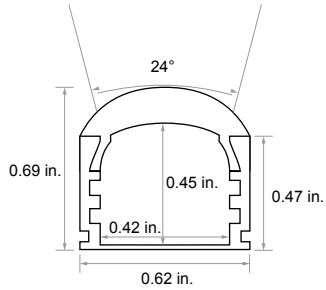
SKU	PRODUCT INCLUDES
DI-CPCHB-RDWAL-79	• 78 in. wall channel & frosted cover • 2 wall lighting brackets • 180° swivel bracket • End caps: 1x open, 1x closed



See ROD accessories on our website www.DiodeLED.com

NOTE: **Channel Bundles** are **not** interchangeable with each other. Check online specification sheet for connector compatibility.

CHANNEL BUNDLE
GRAZER NARROW



TAPE LIGHT COMPATIBILITY:

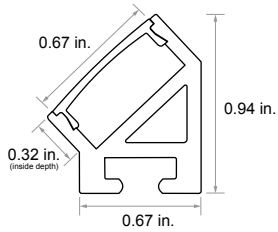
BLAZE™ X
BLAZE™

See chart on page 44 for full compatibility list

SKU	PRODUCT INCLUDES
DI-CPCHB-GZRNB-48	• 48 in. channel & clear lens • End caps: 1x open, 1x closed • 2 mounting clips
DI-CPCHB-GZRNB-96	• 96 in. channel & frosted cover • End caps: 2x open, 2x closed • 4 mounting clips

See GRAZER NARROW accessories on our website www.DiodeLED.com

CHANNEL BUNDLE
45°



TAPE LIGHT COMPATIBILITY:

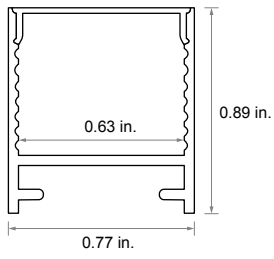
BLAZE™ X
BLAZE™
VALENT® X

See chart on page 44 for full compatibility list

SKU	PRODUCT INCLUDES
DI-CPCHB-45-48	• 48 in. channel & frosted cover • End caps: 1x open, 1x closed • 2 mounting clips
DI-CPCHB-45-96	• 96 in. channel & frosted cover • End caps: 2x open, 2x closed • 4 mounting clips

See 45° accessories on our website www.DiodeLED.com

CHANNEL BUNDLE
16mm



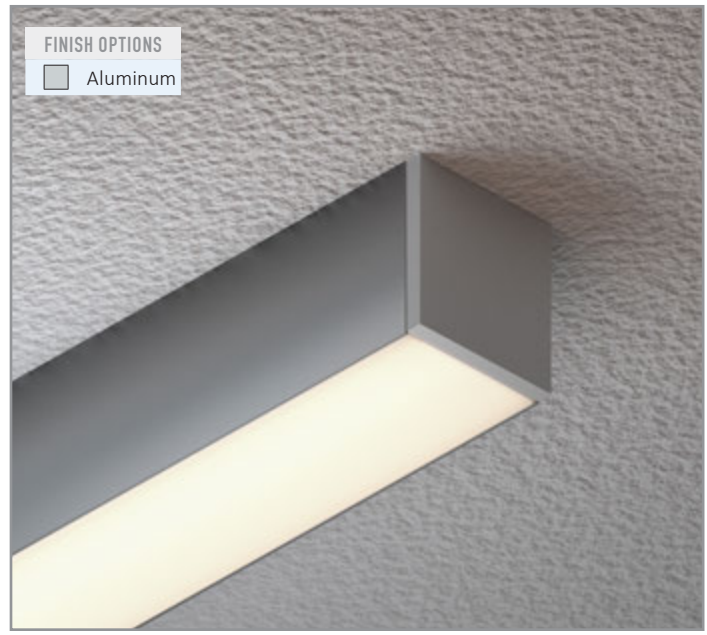
TAPE LIGHT COMPATIBILITY:

BLAZE™ X
BLAZE™
VALENT® X

See chart on page 44 for full compatibility list

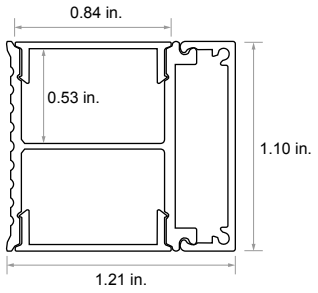
SKU	PRODUCT INCLUDES
DI-CPCHB-16MM-48	• 48 in. channel & frosted cover • End caps: 1x open, 1x closed • 2 mounting clips
DI-CPCHB-16MM-96	• 96 in. channel & frosted cover • End caps: 2x open, 2x closed • 4 mounting clips

See 16mm accessories on our website www.DiodeLED.com



NOTE: **Channel Bundles** are **not** interchangeable with each other. Check online specification sheet for connector compatibility.

CHANNEL BUNDLE
SCONCE



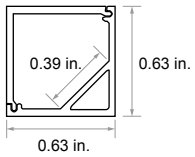
TAPE LIGHT COMPATIBILITY:

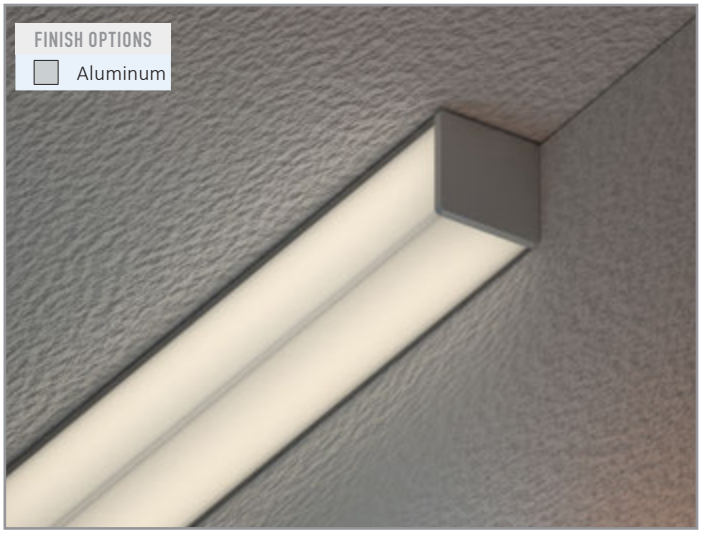
BLAZE™ X
BLAZE™
See chart on page 44 for full compatibility list

SKU	PRODUCT INCLUDES
DI-CPCHB-SCNC-48	• 48 in. channel & mounting plate, 2x frosted covers • End-caps: 1x open, 1x closed
DI-CPCHB-SCNC-96	• 96 in. channel & mounting plate, 2x frosted covers • End-caps: 1x open, 1x closed

See SCONCE accessories on our website www.DiodeLED.com

CHANNEL BUNDLE
10mm SQUARE CORNER





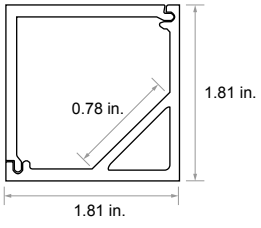
TAPE LIGHT COMPATIBILITY:

BLAZE™ X
BLAZE™
See chart on page 44 for full compatibility list

SKU	PRODUCT INCLUDES
DI-CPCHB-SQC10-48	• 48 in. channel & frosted cover • End-caps: 1x open, 1x closed • Mounting hardware
DI-CPCHB-SQC10-96	• 96 in. channel & frosted cover • End-caps: 2x open, 2x closed • Mounting hardware

See 10mm SQUARE CORNER accessories on our website www.DiodeLED.com

CHANNEL BUNDLE
20mm SQUARE CORNER



TAPE LIGHT COMPATIBILITY:

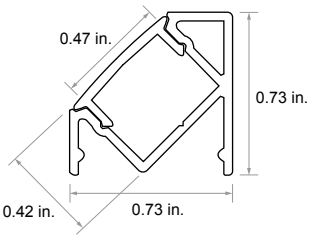
BLAZE™ X
VALENT® X
BLAZE™
See chart on page 44 for full compatibility list

SKU	PRODUCT INCLUDES
DI-CPCHB-SQC20-48	• 48 in. channel & frosted cover • End caps: 1x open, 1x closed • Mounting hardware
DI-CPCHB-SQC20-96	• 96 in. channel & frosted cover • End-caps: 2x open, 2x closed • Mounting hardware

See 20mm SQUARE CORNER accessories on our website www.DiodeLED.com

NOTE: **Channel Bundles** are **not** interchangeable with each other. Check online specification sheet for connector compatibility.

CHANNEL BUNDLE
45° DECO

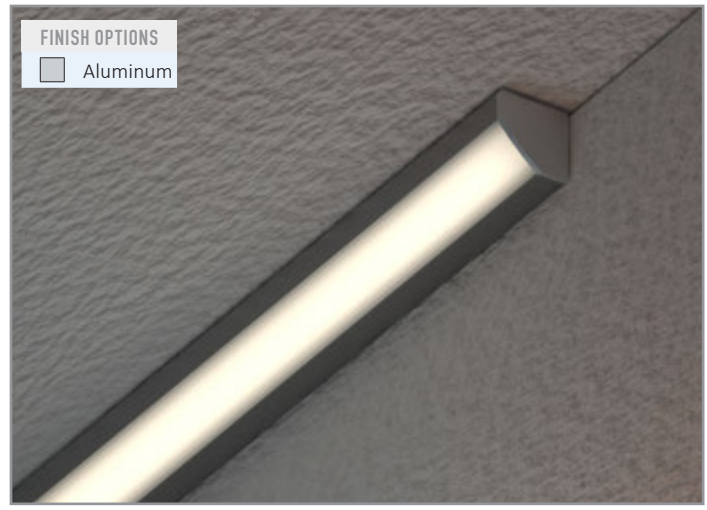


TAPE LIGHT COMPATIBILITY:

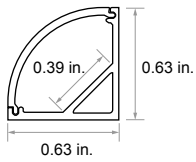
BLAZE™ X
BLAZE™
See chart on page 44 for full compatibility list

SKU	PRODUCT INCLUDES
DI-CPCHB-45DCO-48	• 48 in. channel & frosted cover • End-caps: 1x open, 1x closed • Mounting hardware
DI-CPCHB-45DCO-96	• 96 in. channel & frosted cover • End-caps: 2x open, 2x closed • Mounting hardware

See 45° DECO accessories on our website www.DiodeLED.com



CHANNEL BUNDLE
10mm ROUNDED CORNER



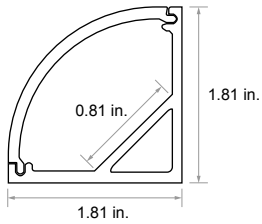
TAPE LIGHT COMPATIBILITY:

BLAZE™ X
BLAZE™
See chart on page 44 for full compatibility list

SKU	PRODUCT INCLUDES
DI-CPCHB-RC10-48	• 48 in. channel & frosted cover • End-caps: 1x open, 1x closed • Mounting hardware
DI-CPCHB-RC10-96	• 96 in. channel & frosted cover • End-caps: 2x open, 2x closed • Mounting hardware

See 10mm ROUNDED CORNER accessories on our website www.DiodeLED.com

CHANNEL BUNDLE
20mm ROUNDED CORNER

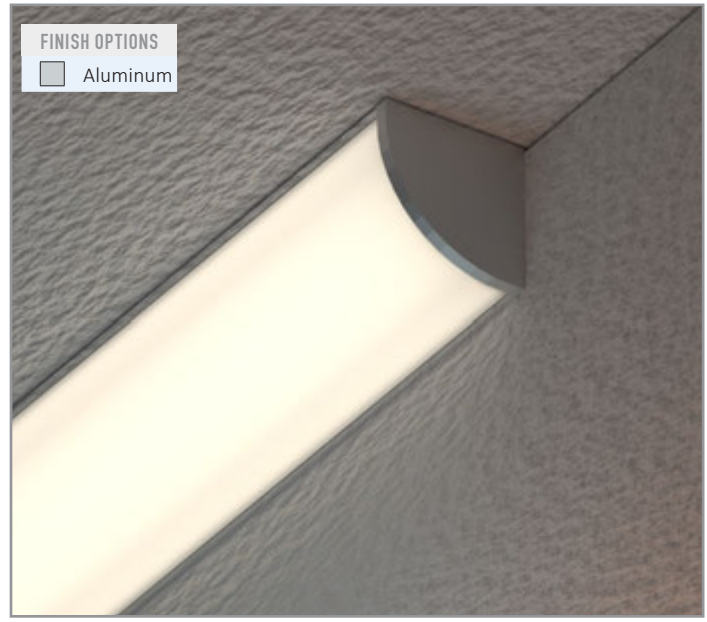


TAPE LIGHT COMPATIBILITY:

BLAZE™ X
VALENT® X
BLAZE™
See chart on page 44 for full compatibility list

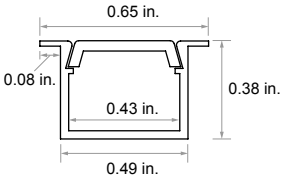
SKU	PRODUCT INCLUDES
DI-CPCHB-RC20-48	• 48 in. channel & frosted cover • End-caps: 1x open, 1x closed • Mounting hardware
DI-CPCHB-RC20-96	• 96 in. channel & frosted cover • End-caps: 2x open, 2x closed • Mounting hardware

See 20mm ROUNDED CORNER accessories on our website www.DiodeLED.com



NOTE: **Channel Bundles** are **not** interchangeable with each other. Check online specification sheet for connector compatibility.

CHANNEL BUNDLE
SLIM RECESSED



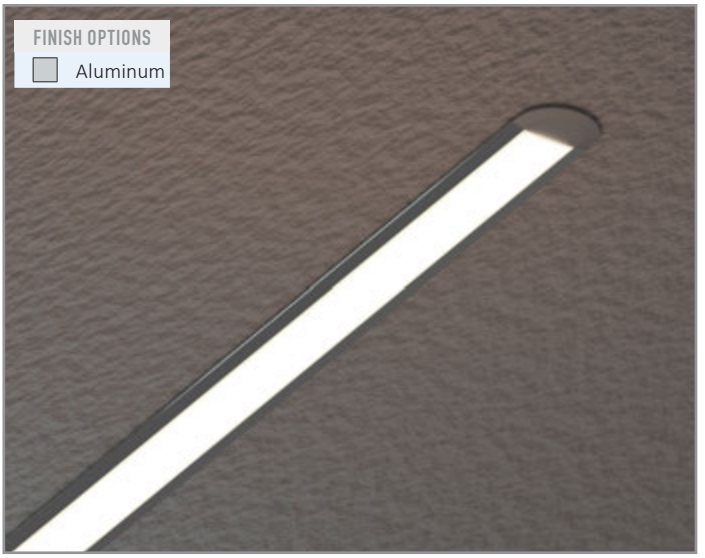
TAPE LIGHT COMPATIBILITY:

BLAZE™ X
BLAZE™

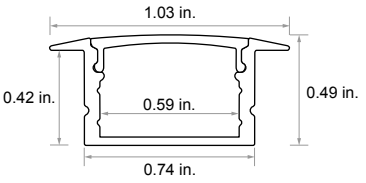
See chart on page 44 for full compatibility list

SKU	PRODUCT INCLUDES
DI-CPCHB-SLR-48	• 48 in. channel & frosted cover • End caps: 1x open square, 1x open round, 1x closed square
DI-CPCHB-SLR-96	• 96 in. channel & frosted cover • End caps: 1x open square, 1x open round, 1x closed square

See SLIM RECESSED accessories on our website www.DiodeLED.com



CHANNEL BUNDLE
RECESSED



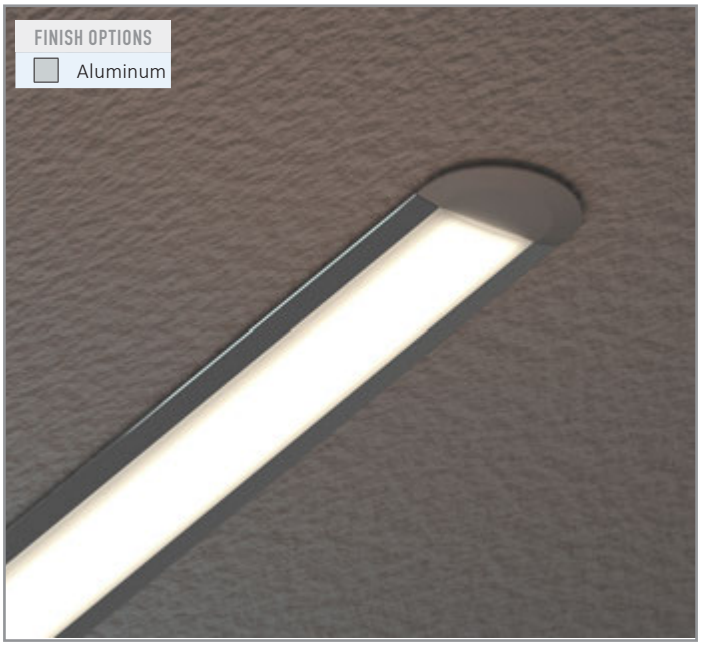
TAPE LIGHT COMPATIBILITY:

BLAZE™ X
VALENT® X
BLAZE™

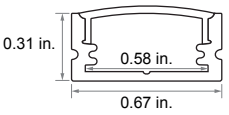
See chart on page 44 for full compatibility list

SKU	PRODUCT INCLUDES
DI-CPCHB-REC-48	• 48 in. channel & frosted cover • End-caps: 1x open, 1x closed
DI-CPCHB-REC-96	• 96 in. channel & frosted cover • End caps: 2x open, 2x closed

See 10mm ROUNDED CORNER accessories on our website www.DiodeLED.com



CHANNEL BUNDLE
S1



TAPE LIGHT COMPATIBILITY:

BLAZE™ X
VALENT® X
BLAZE™

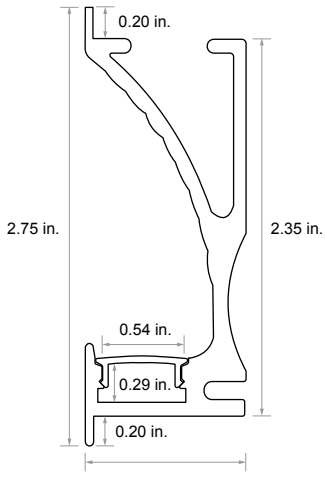
See chart on page 44 for full compatibility list

SKU	PRODUCT INCLUDES
DI-CPCHB-S1-48AL	• 48 in. channel & frosted cover • End-caps & hardware
DI-CPCHB-S1-90AL	• 90 in. channel & frosted cover • End-caps & mounting clips

See S1 accessories on our website www.DiodeLED.com

NOTE: **Channel Bundles** are **not** interchangeable with each other. Check online specification sheet for connector compatibility.

CHANNEL BUNDLE
REFLECTOR



TAPE LIGHT COMPATIBILITY:

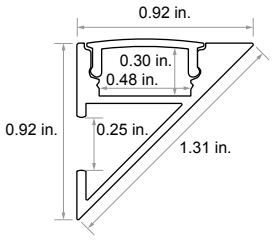
BLAZE™ X BLAZE™

See chart on page 44 for full compatibility list

SKU	PRODUCT INCLUDES
DI-CPCHB-RFCTR-48	• 48 in. channel & frosted cover • End-caps: 1x open, 1x closed
DI-CPCHB-RFCTR-96	• 96 in. channel & frosted cover • End-caps: 1x open, 1x closed

See REFLECTOR accessories on our website www.DiodeLED.com

CHANNEL BUNDLE
90° SIDEVIEW



TAPE LIGHT COMPATIBILITY:

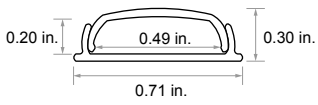
BLAZE™ X BLAZE™

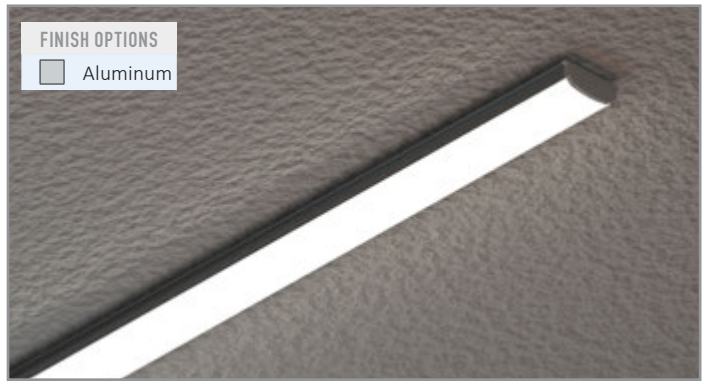
See chart on page 44 for full compatibility list

SKU	PRODUCT INCLUDES
DI-CPCHB-90SD-48	• 48 in. channel & frosted cover • End-caps: 1x open, 1x closed • Mounting hardware
DI-CPCHB-90SD-96	• 96 in. channel & frosted cover • End-caps: 2x open, 2x closed • Mounting hardware

See 90° SIDEVIEW accessories on our website www.DiodeLED.com

CHANNEL BUNDLE
WAVEFORM





TAPE LIGHT COMPATIBILITY:

BLAZE™ X BLAZE™

See chart on page 44 for full compatibility list

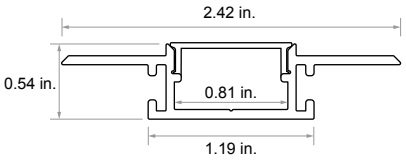
SKU	PRODUCT INCLUDES
DI-CPCHB-WF-48	• 48 in. channel & frosted cover • End-caps: 1x open, 1x closed • 2x mounting clips

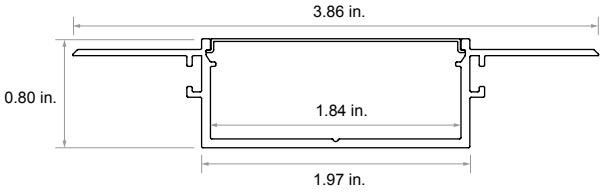
See WAVEFORM accessories on our website www.DiodeLED.com

NOTE: **Channel Bundles** are **not** interchangeable with each other. Check online specification sheet for connector compatibility.

CHANNEL BUNDLE

MUD-IN 1 INCH & 2 INCH





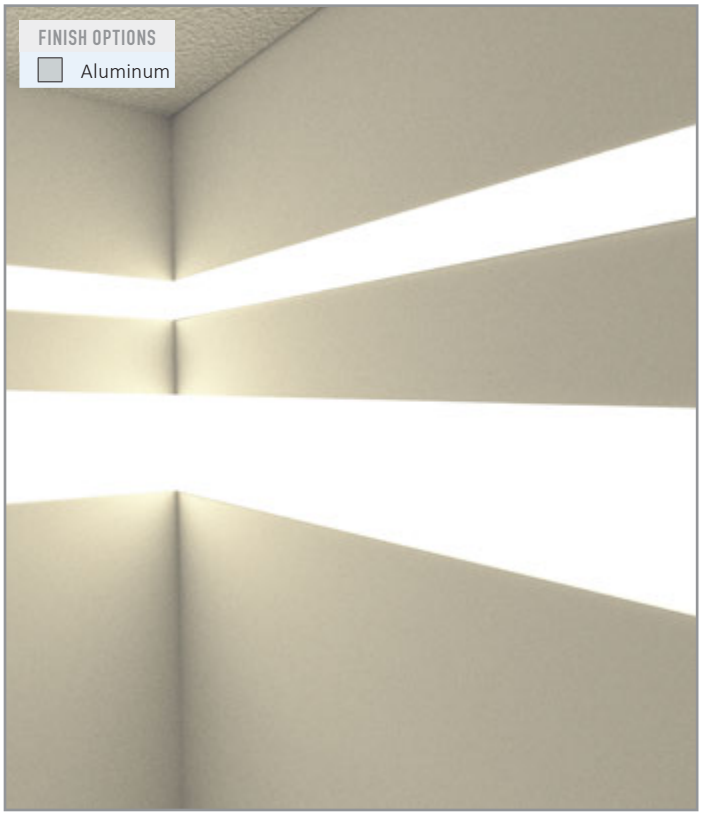
TAPE LIGHT COMPATIBILITY:

BLAZE™ X
VALENT® X
BLAZE™

See chart on page 44 for full compatibility list

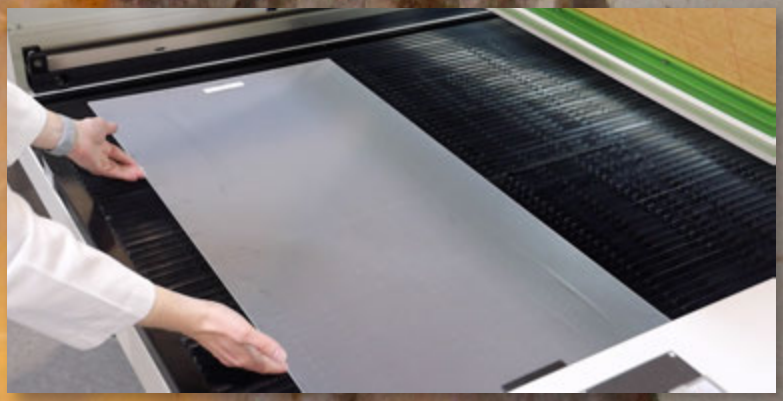
SKU	PRODUCT INCLUDES
DI-CPCHB-MUD1-96	• 96 in. channel & frosted cover • End caps: 2x open, 2x closed • 2x End-to-end Connectors
DI-CPCHB-MUD2-96	• 96 in. channel & frosted cover • End caps: 2x open, 2x closed • 2x End-to-end Connectors

See MUD-IN 1 IN. & 2 IN. accessories on our website www.DiodeLED.com



HYDROLOGIC Showroom
Sarasota, Florida
VALENT® X mounted in SLIM Channel

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



LED LIGHT GUIDE PANELS

Display & General Illumination

Built to order in Reno, Nevada, Diode LED Light Guide Panels provide even, diffused light in a thin form factor due to a unique etched diffusion pattern. We customize the LED panel based on your specifications and dimensions. Light Guide Panels are equally useful for backlighting graphics, retail product displays, wall art, bars, stretch fabric ceilings, or translucent architectural elements such as walls.

- Cosmetics
- Product displays
- Wall Art
- Retail Displays
- Advertisement
- Signage

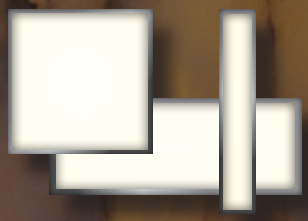
COLOR

Popular CCTs & color changing options

- 2400K
- 2700K
- 3000K
- 3500K
- 4000K
- 5000K
- 6500K
- RGB
- RGBW
- TUNABLE

CUSTOM SIZES

Up to 54 x 94 in. panels



EDGE ILLUMINATION

Single or Double-Edge lighting options

MANUFACTURED BY

DIODE LED

IN RENO, NEVADA

MADE IN USA

WITH FOREIGN PARTS

BACKLIGHTING
RETAIL/SIGNAGE
DISPLAY
EXHIBITION
ACCENT
ARCHITECTURE
INTERIOR DESIGN

FEATURES & BENEFITS

- Made in USA with foreign parts
- Low-profile form factor
- Diffused and consistent lighting
- Customized dimensions

QUICK SPECS

Voltage	12VDC & 24VDC
Dimming	Dimmable
Environment	Indoor
Warranty	5-Years
Certification	UL Listed

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

12VDC 24VDC c UL us LISTED DIMMABLE

LUXURY

Use architecture to create impactful, high-end environments and bring ambient lighting from unexpected areas.

RETAIL

Highlight product and draw customer attention with encompassing light that improves the visual appeal of the retail environment.

OFFICE

Impress customers, clients, and employees with clean, modern design.

HOME

Get creative in a residential application by bringing light to every aspect of the living space.

HOSPITALITY

Deliver inspiration to guests and visitors of an environment that promises a quality experience.

PRECISION-MADE TO YOUR CUSTOM SPECIFICATIONS

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

CALL
877.490.4897

EMAIL
solutions@elementalled.com

MADE IN USA
WITH FOREIGN PARTS

See spec sheet for products available as Made in USA with Foreign Parts

GRAZE X™ FIXTURE

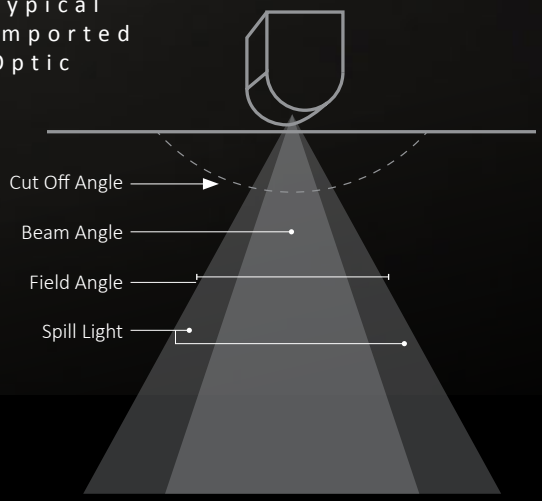
THE PROMISE OF LINEAR OPTICS

Contemporary architectural design often features linear light, increasingly as the primary light source. Beam control and shaping of light is important to allow for nuanced lighting design. As linear LED technology advanced and adoption increased, expectations also increased for the optical performance of linear light.

The discreet form factor of low-voltage linear light has always been one of its major appeals.

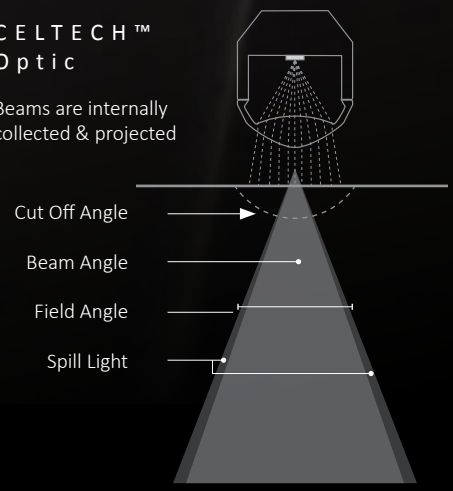
Now, optical performance is the new focus.

Typical Imported Optic



CELTECH™ Optic

Beams are internally collected & projected



Our new patented CelTECH™ technology is a fixture design that creates a clean, precise beam by collimating light immediately after it leaves the light engine, which also increases overall efficiency of the fixture and requires less materials. This results in a beam with an exceptional aesthetic, delivered from a physically compact, modular fixture that can be manufactured domestically at a reasonable cost.

DI	-	VOLTAGE	-	SERIES	-	CCT	-	LENGTH	-	MODEL	-	MOUNT	-	COLOR	-	DRIVERS
DI	-	24V	-	300 500 800		24 (2400K) 27 (2700K) 30 (3000K) 35 (3500K) 42 (4200K) 50 (5000K) 63 (6300K)	-	Length option Example: 20 = 20 ft.	-	GRZX10	-	MC (Mounting Clip) AIM (Aiming Bracket)	-	AL (Aluminum) BLK (Black) WH (White)	-	MAG (Magnetic) LUT (Lutron) ELV (Electronic) 010 (0-10V) ND (Non-Dimming) SWX (Switchex)

RGBW NOW AVAILABLE. SEE WEBSITE FOR DETAILS

EXAMPLE: 24V GRAZE™ X 300 SERIES 2400K 16 FT. FIXTURE WHITE COLOR WITH AIMING BRACKET AND SWITCHEX DRIVER

DI	-	24V	-	300	-	24	-	16	-	GRZX10	-	AIM	-	WH	-	SWITCHEX

DI-24V-300-24-16-GRZX10-AIM-WH-SWITCHEX

FEATURES & BENEFITS

- Crisp optical performance with 10° beam spread
- Built to length, daisy-chain capable for long runs
- Pair with any Diode LED driver

GRAZE X fixture with rotating aiming bracket

SPECIFICATIONS

Series	300	500	800
Wattage	2.8W/ft.	4.6W/ft.	7.2W/ft.
Max Run Length (per power feed)	41 Feet	30 Feet	19 Feet
	Foot Candles		
1 Foot*	283	580	804
5 Feet*	11	23	32
10 Feet*	3	6	8
Peak Center Beam Candle Power	3965	6037	7917
Voltage	24VDC		
Warranty	12-year		
Environment	Indoor / Damp Location		
Certification	UL Listed 2108		

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

MADE IN USA
WITH FOREIGN PARTS

HOW TO
Choose Your Color Controller

For app-based control projects

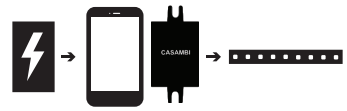
CASAMBI PWM4

DIMMER & COLOR CONTROLLER

Instructional videos for CASAMBI PWM4 can be found at www.DiodeLED.com/video/casambi-video-series

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

CASAMBI System:



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

SKU
CBU-PWM4

For small to medium-scale applications

TOUCHDIAL™ CONTROL SYSTEM

REMOTE RGB(W) CONTROL & TUNABLE WHITE REMOTE

- ✓ Color changing - RGB(W)
- ✓ Tunable white
- ✓ Single color dimming
- ✓ Control up to 8 lighting zones
- ✓ Integrates with WiFi network
- ✓ iOS/Android mobile app

TOUCHDIAL System:

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

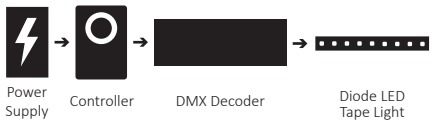
SKU	
DI-RF-REM-RGBW-4	DI-RF-REM-TW-4

For professional commercial, residential & retail applications DMX SYSTEM

WALL MOUNT CONTROLLER & NICOLAUDIE STICK-DE3 DMX LED CONTROLLER

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

DMX System:



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

SKU	
DI-DMX-WIFI-WMUS-3Z-WH	DI-DMX-DE3

REIGN® Low Voltage LED Dimmer

REIGN Wall Mount LED Dimmer Switches are the stylish companion for in-line dimming capability from non-dimmable drivers. REIGN Switches are easy to install, provide smooth dimming and fit right into a standard gang box for easy installation.

FEATURES & BENEFITS

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

c UL us LISTED

DIMMABLE

12VDC

24VDC

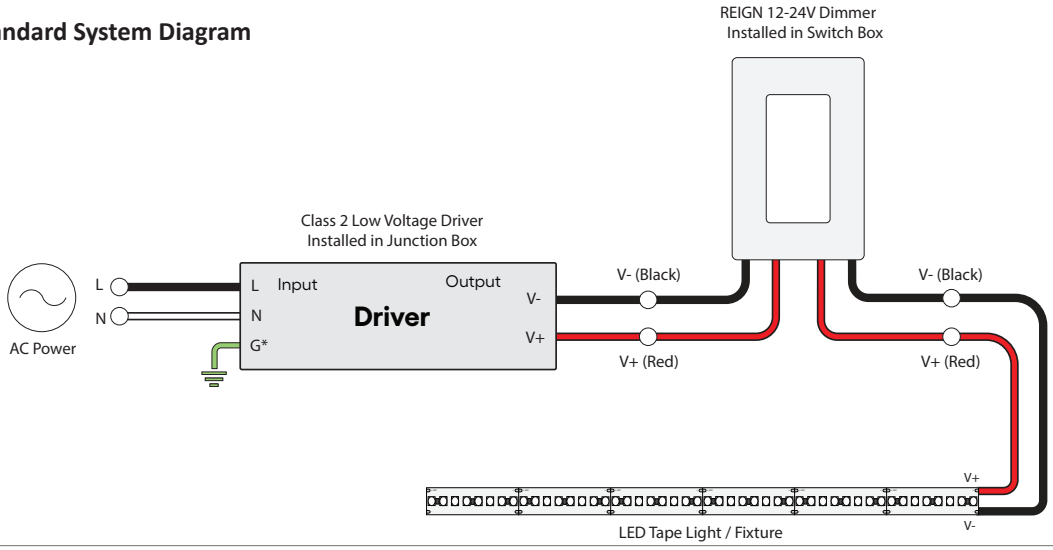
QUICK SPECS

Environment	Indoor
Input	12-24VDC
Maximum Load	12V - 60W 24V - 100W
Dimming Range	0-100
Dimming Type	PWM
Mounting	Standard electrical box
Certification	UL Certified
Warranty	5-Year Warranty

VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

SKU	VOLTAGE	FINISH	DIMENSIONS
DI-REIGN-WH	12-24VDC	Gloss White	2.15 x 4.15 x 1.47 IN.

REIGN® Standard System Diagram



OMNIDRIVE® X Dimmable Drivers

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

FEATURES & BENEFITS

- ELV, Triac, and 0-10V dimming in a single driver
- 110-277VAC universal input
- No minimum load
- Minimum dimming level of 1-5%, depending on dimmer
- UL listed and Title 24 compliant
- 5-year warranty

QUICK SPECS

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

c UL us LISTED

DIMMABLE

TITLE 24 CAN BE USED TO COMPLY WITH TITLE 24 PART 6 HIGH EFFICACY LED REQUIREMENTS JA8-2016-E

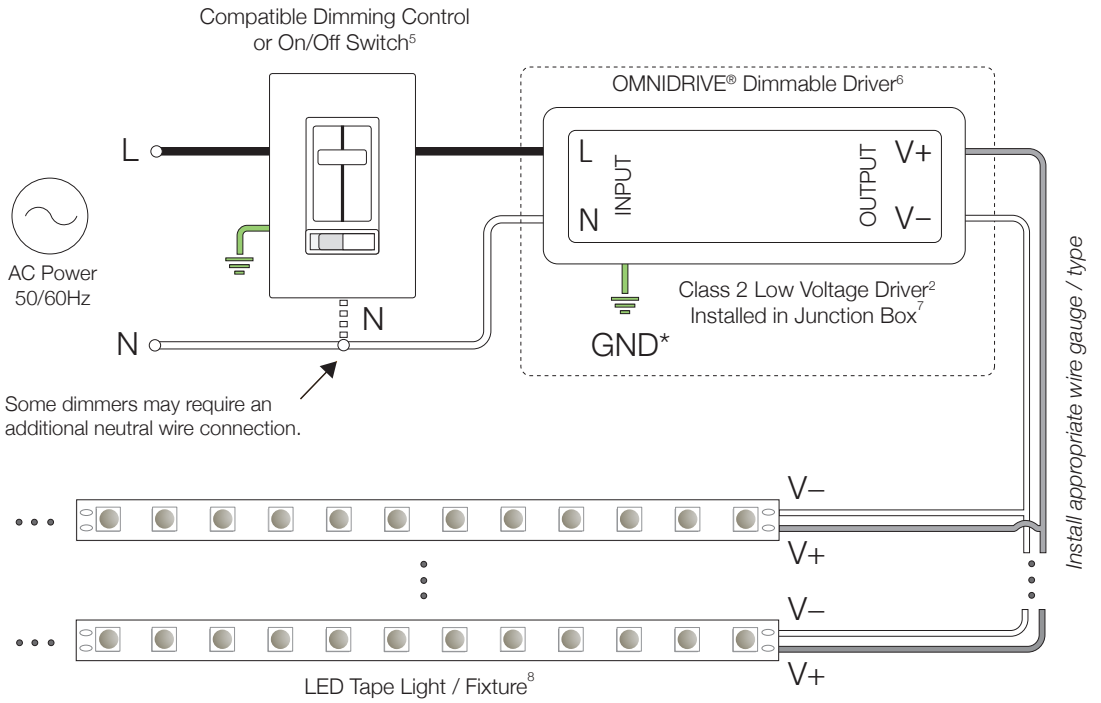
12VDC

24VDC

COMPATIBILITY NOTE

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

OMNIDRIVE® Standard System Diagram



OMNIDRIVE® X Driver Model Options

Driver Only

Driver Only

Driver in J-Box
Outdoor/NEMA3R Rated

12V OMNIDRIVE® X

VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

OUTPUT	SKU	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS W/O J-BOX	DIMENSIONS W/ J-BOX (-J)
12VDC	DI-ODX-12V30W(-J)	30W	Yes	Indoor/Outdoor	2.1 x 6.1 x 0.8 in.	11.25 x 3.75 x 1.8 in.
	DI-ODX-12V60W(-J)	60W	Yes	Indoor/Outdoor	2.4 x 7 x 0.9 in.	13.5 x 4.5 x 2.25 in.
	DI-ODX-12V100W-J	100W	No	Indoor/Outdoor	2.7 x 9 x 1.7 in.	
	DI-ODX-12V120W-J	120W	No	Indoor/Outdoor	N/A	15 x 3.1 x 2.3 in.
	DI-ODX-12V200W-J	200W	No	Indoor/Outdoor		16 x 3.4 x 2.4 in.

24V OMNIDRIVE® X

VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

OUTPUT	SKU	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS	DIMENSIONS W/ J-BOX (-J)
24VDC	DI-ODX-24V30W(-J)	30W	Yes	Indoor/Outdoor	2.1 x 6.1 x 0.8 in.	11.25 x 3.75 x 1.8 in.
	DI-ODX-24V60W(-J)	60W	Yes	Indoor/Outdoor	2.4 x 7 x 1 in.	13.5 x 4.5 x 2.25 in.
	DI-ODX-24V96W(-J)	96W	Yes	Indoor/Outdoor	N/A	9 x 2.8 x 1.8 in.
	DI-ODX-24V120W-J	120W	No	Indoor/Outdoor		15 x 3.1 x 2.3 in.
	DI-ODX-24V200W-J	200W	No	Indoor/Outdoor		16 x 3.4 x 2.4 in.

Magnetic Dimmable Drivers

All-purpose dimmable driver for everyday tape light projects.

Diode LED has always made the most competitive tape light in the market. Now, we are manufacturing magnetic LED drivers that are just as competitive. Magnetic drivers are still the default, all-purpose dimmable driver for everyday tape light projects. There is no need to go to two different manufacturers to buy components for one light system.

FEATURES & BENEFITS

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

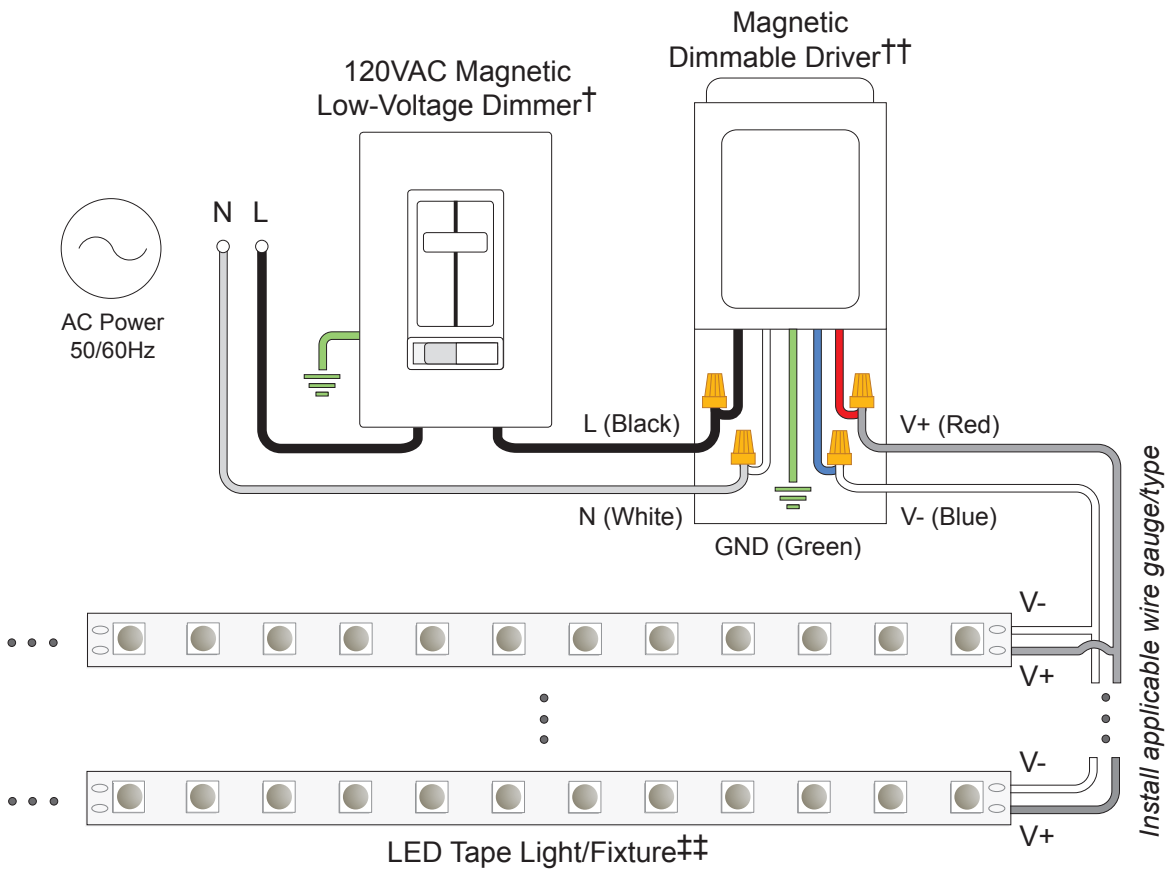
QUICK SPECS

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

COMPATIBILITY NOTE

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

Magnetic Dimmable Driver Diagram



Magnetic Dimmable Driver Model Options

12V Magnetic Dimmable Driver

VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

INPUT VOLTAGE	OUTPUT	SKU	WATTAGE	CLASS 2	ENVIRONMENT	DIMENSIONS
120VAC	12VDC	DI-MLV-12V20W	20W	Yes	Outdoor/Indoor	2.2 x 2.2 x 5.7 in.
		DI-MLV-12V40W	40W	Yes	Outdoor/Indoor	2.2 x 2.2 x 5.7 in.
		DI-MLV-12V60W	60W	Yes	Outdoor/Indoor	2.6 x 2.3 x 6.6 in.
		DI-MLV-12V100W	100W	No	Outdoor/Indoor	3.1 x 2.8 x 9.9 in.
		DI-MLV-12V150W	150W	No	Outdoor/Indoor	3 x 3 x 9.8 in.
		DI-MLV-12V200W	200W	No	Outdoor/Indoor	3 x 3 x 9.8 in.
		DI-MLV-12V300W	300W	No	Outdoor/Indoor	4.2 x 3.5 x 9.8 in.
		DI-MLV-12V120W-MT	Multi-tap 120W (2x60W)	No	Outdoor/Indoor	3 x 3 x 9.8 in.
		DI-MLV-12V180W-MT	Multi-tap 180W (3x60W)	No	Outdoor/Indoor	3 x 3 x 9.8 in.
		DI-MLV-12V300W-MT	Multi-tap 300W (5x60W)	No	Outdoor/Indoor	4.2 x 3.5 x 9.8 in.
277VAC	12VDC	DI-MLV-12V20W-277	20W	Yes	Outdoor/Indoor	2.2 x 2.2 x 5.7 in.
		DI-MLV-12V60W-277	60W	Yes	Outdoor/Indoor	2.6 x 2.3 x 6.6 in.
		DI-MLV-12V100W-277	100W	No	Outdoor/Indoor	3 x 3 x 9.8 in.
		DI-MLV-12V200W-277	200W	No	Outdoor/Indoor	4.2 x 3.5 x 9.8 in.
		DI-MLV-12V300W-277	300W	No	Outdoor/Indoor	4.2 x 3.5 x 9.8 in.

24V Magnetic Dimmable Driver

VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

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

MikroDIM™ Electronic Dimmable Driver

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

FEATURES & BENEFITS

- No minimum load
- Compact design
- ELV Dimming

QUICK SPECS

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

c UL us

DIMMABLE

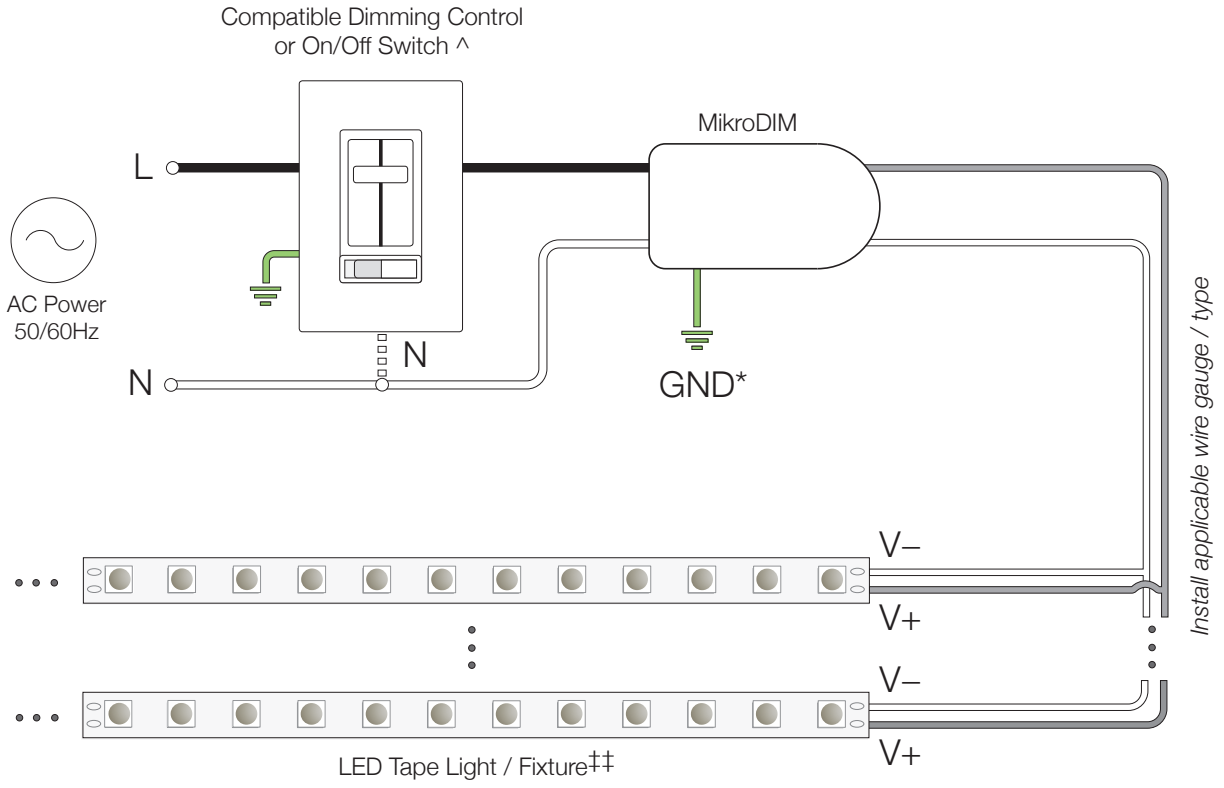
12VDC

24VDC

COMPATIBILITY NOTE

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

MikroDIM® Electronic Dimmable Driver Diagram



MikroDIM™ Driver Model Options

12V MikroDIM™

VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

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

24V MikroDIM™

VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

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

Lo-Pro Junction Box for MikroDIM

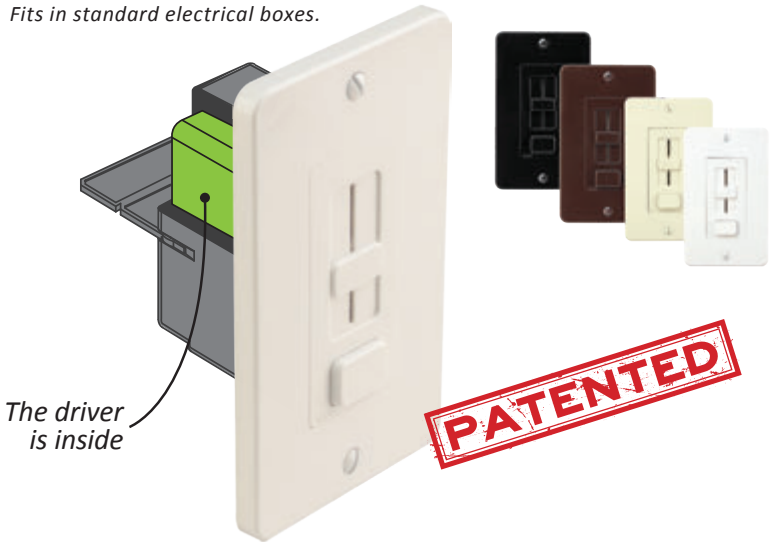
IDEAL FOR SMALL SPACES WHERE A SMALL FORM FACTOR IS REQUIRED

SKU	DESCRIPTION	DIMENSIONS
DI-MKD60W-12-LPMKD	Lo-Pro Junction Box with MikroDIM Driver Combo - 12V 60W	4.25 x 4.34 x 1.48
DI-MKD60W-24-LPMKD	Lo-Pro Junction Box with MikroDIM Driver Combo - 24V 60W	4.25 x 4.34 x 1.48
DI-JBOX-LPMKD	Lo-Pro Junction Box for MikroDIM (Junction box only)	4.25 x 4.34 x 1.48

SWITCHEX® Driver + Dimmer Switch

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

Fits in standard electrical boxes.



WINNER OF THE ARCHITECTURAL SSL PRODUCT INNOVATION AWARD

FEATURES & BENEFITS

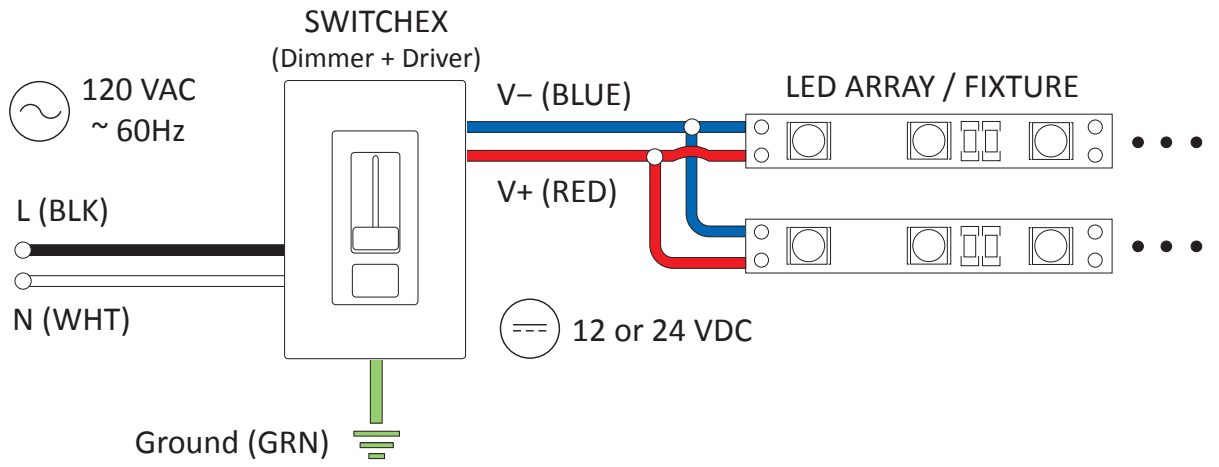
- Simplifies your LED installation
- Eliminates compatibility issues between drivers and switches
- Superior LED dimming performance (100% – 5%)
- Preset dimmer with on/off switch

QUICK SPECS

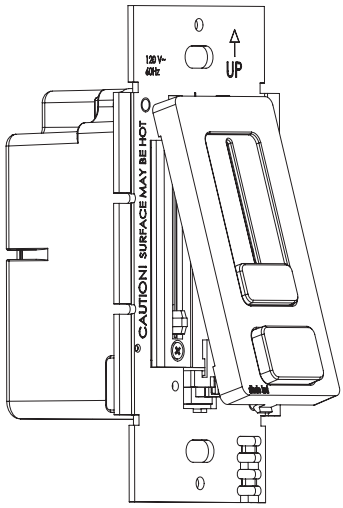
Environment	Indoor
Input Voltage	120VAC
Output Voltage	12VDC & 24VDC models
Connection Type	Hard-wired
Mounting	Single-Gang Box
Certifications	UL Listed 2108

c UL us LISTED · FC · DIMMABLE · 12VDC · 24VDC · TITLE 24 CAN BE USED TO COMPLY WITH TITLE 24 PART 6 HIGH EFFICACY LED REQUIREMENTS JA8-2016-E

SWITCHEX® Driver and Dimmer Switch Diagram



SWITCHEX® Options



GLOSSY WHITE

GLOSSY LIGHT ALMOND

GLOSSY DARK BROWN

GLOSSY BLACK

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

SWITCHEX Driver + Dimmer Switch

VIEW FULL SPECIFICATION SHEETS AT www.DiodeLED.com

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

(Four Trim Plate Color Options)

SWITCHEX Trim Plate

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

CBU-PWM4 35
CBU-PWM4 58
CKT3-EXT 41
CKT3-EXT-5 41
CKT3-EXT-25 41
CKT3-SPLE 41
CKT3-SPLE-5 41
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CKT24-EXT-5 41
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CKT24-SPLE 41
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DI-RGBW-CKT-LNK-25 41
DI-RGBW-WACY 37
DI-RGBW-WEXT 37
DI-SE-FP-3 67
DI-SE-FP-BL 67
DI-SE-NB-3JPR 32
DI-SE-NB-6JPR 32
DI-SE-NB-12JPR 32
DI-SE-NB-24JPR 32
DI-SE-NB-BUC-16 32
DI-SE-NB-BWC-EC 32
DI-SE-NB-FLCH-WH 32
DI-SE-NB-MTCH 32

DI-SE-NB-SDWC-EC 32
DI-SE-NB-STWC-EC 32
DI-SE-NB-TTT-2 32
DI-SE-NB-TUC-16 32
DI-SE-TP-BR 67
DI-SE-TP-LA 67
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DI-STMLT-CKT-SPL24-1 27
DI-STMLT-CKT-TTT-1 27
DI-STMLT-CKT-TTT-EXT 27
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DI-TE-NB-FLCH-WH 32
DI-TE-NB-MTCH 32
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DI-TE-NB-TUC-16 32
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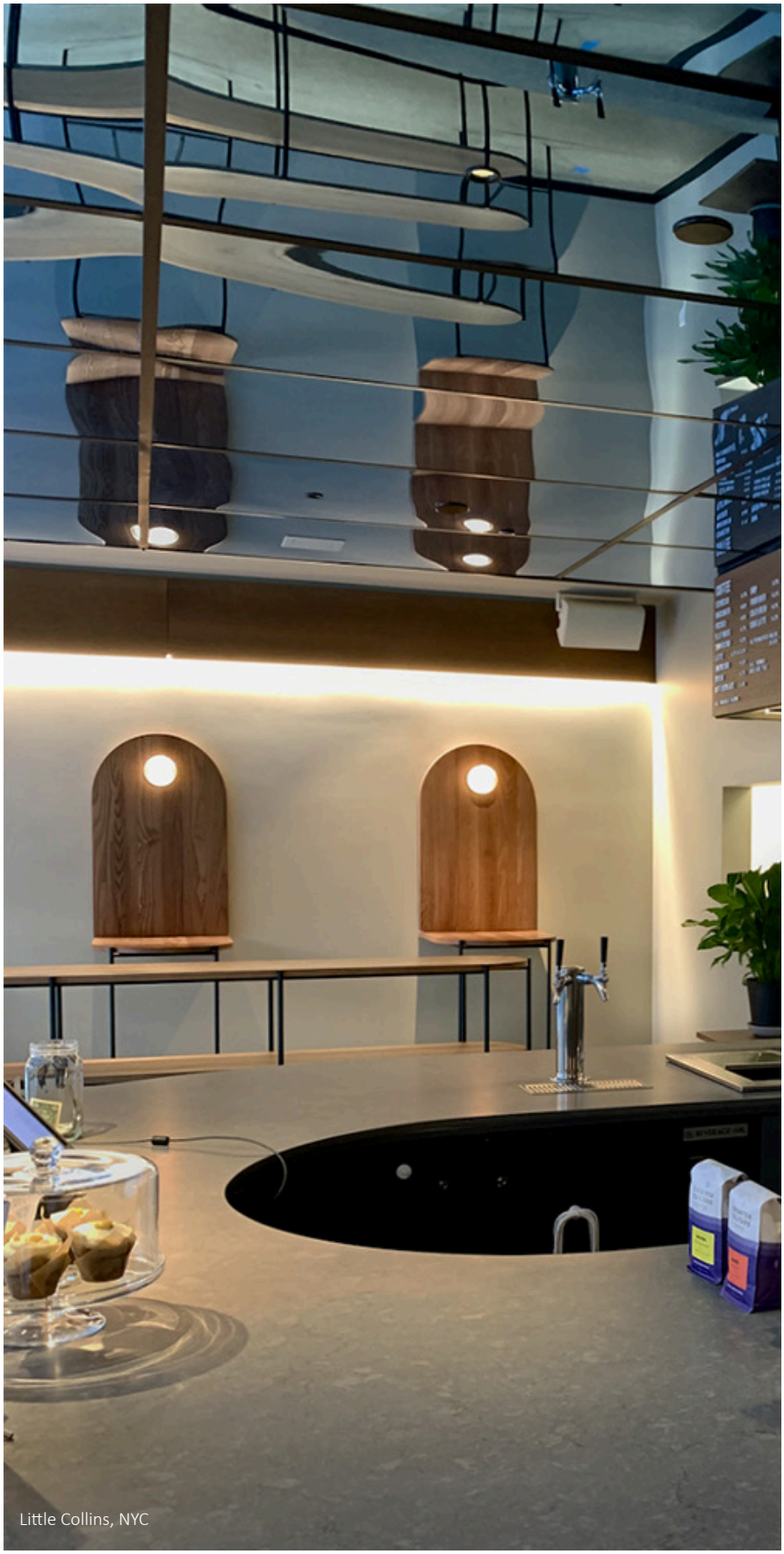
DI-WPSL 39



Little Collins, NYC

2022 CATALOG
DI-CATALOG

2022 DIODELED

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