

### STREAMLITE™ Wet Location 24V LED Tape Light

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

Date \_\_\_\_\_

Project Notes \_\_\_\_\_



**TITLE**  
**24**



#### FEATURES

- Uniform, diffused light appears dotless even without a diffusing lens
- Very small size, ideal for tight spaces
- 180° beam angle for even light distribution
- Compatible with channels and other popular accessories
- Suitable for wet locations (IP65)
- Includes (1) open and (1) closed end cap

#### ORDERING CODES

Order spools, and components for field assembly

#### OPTIONAL ORDERING CODES

Add Assembly Preferences, Finish, Lens, Mounting, Driver, and Delivery

	Voltage	Model	CCT	Length	Channels			Finish	Lens	Mounting	Driver	Delivery
DI												
	24V (24V Volt)	STMLT STMLT4	27 (2700K) 30 (3000K) 35 (3500K) 40 (4000K)	W016 (16.4 feet)	A1 (A1)	45 (45°)	SCNC (Sconce)	AL (Aluminum)	*blank* (Classic Frosted Lens)	3M (3M Adhesive)	ELV (Electronic)	O/O (On / Off)
					S2 (S2)	SQ20 (20mm Square)	MI1 (1-inch Mud-In)	BL (Black)	BL (Black Lens)	MC (Mounting Clip)	VLM (Constant Voltage)	PoE (Power over Ethernet)
					S45 (S45)	RC20 (20mm Round)	MI2 (2-inch Mud-In)	WH (White)	CLT (Arch. Clear Lens)	UC (U-Clip)	010 (0-10V)	Factory + Field (Hybrid)
					16 (16mm Square)	REF (Reflector)			FRT (Arch. Frosted Lens)	VC (Vertical Clip)		Factory Assembly
					SL (Slim)	REC (Recessed)			OPT (Opal Lens)	HNG (Hanging Hardware)		
									PD (Prem. Diffusion Lens)	RC (Rotating Clip)		

\*See page 2 for Channel / Lens / Mounting compatibility

#### STREAMLITE™ Wet Location - SPECIFICATION TABLE

Models	24V-STMLT	24V-STMLT4
<b>Voltage</b>	<b>24VDC</b>	<b>24VDC</b>
<b>Wattage</b>	<b>3.3W/ft.</b>	<b>5W/ft.</b>
2700K	221 Lm/ft.	376 Lm/ft.
Lumens 3000K	256 Lm/ft.	378 Lm/ft.
3500K	275 Lm/ft.	400 Lm/ft.
4000K	271 Lm/ft.	440 Lm/ft.
Cut Points	1.8 in.	1.8 in.
Max Run (ft.)	20 ft.	16.4 ft.
CRI	90+	90+
Dimensions	0.4 x 0.16 in. (W x H)	0.4 x 0.16 in. (W x H)
TM-21 (LM-80)	>50,000 hours	>50,000 hours
Environment	Outdoor / Wet Location (IP65)	Outdoor / Wet Location (IP65)
Lead Wire A	36 in. Bare Lead 20/2 AWG UL 2464 Wire with Strain Relief	36 in. Bare Lead 20/2 AWG UL 2464 Wire with Strain Relief
Lead Wire B	36 in. Bare Lead 20/2 AWG UL 2464 Wire with Strain Relief	36 in. Bare Lead 20/2 AWG UL 2464 Wire with Strain Relief
LED Chips	176/ft.	176/ft.
Certification	UL Listed 2108	UL Listed 2108
Warranty	7 Year	7 Year

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### CHANNEL / LENS / MOUNTING COMPATIBILITY

Channel	Compatible Lenses	Available Finishes	Mounting Options
A1 (A1)	FRT	AL / WH / BL	UC
S2 (S2)	*blank*	AL	UC
S45 (S45)	*blank*	AL	UC
16 (16mm Square)	FRT	AL	MC
SL (Slim)	*blank* / CLT / FRT / BL / PD	AL / WH / BL	MC / 3M / MAG
45 (45°)	*blank* / CLT / FRT / BL / PD	AL / WH / BL	MC / VC / RC / HNG
SQ20 (20mm Square)	*blank*	AL	UC
RC20 (20mm Round)	*blank*	AL	UC
REF (Reflector)	*blank*	AL	
REC (Recessed)	*blank*	AL	3M
SCNC (Sconce)	*blank*	AL	3M
MI1 (1-inch Mud-In)	OPT	AL	
MI2 (2-inch Mud-In)	OPT	AL	

### LEGEND

Lens		Finish		Mounting	
*blank*	Classic Frosted Lens	AL	Aluminum	3M	3M Adhesive
BL	Black Lens	WH	White	HNG	Hanging Hardware
CLT	Architectural Clear Lens	BL	Black	MAG	Magnetic Clip
FRT	Architectural Frosted Lens			MC	Mounting Clip
OPT	Opal Lens			RC	Rotating Clip
PD	Premium Diffusion Lens			UC	U-Clip
				VC	Vertical Clip

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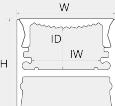
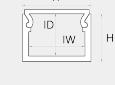
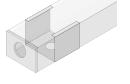
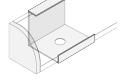
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VDC

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### RECOMMENDED CHANNELS

MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
<b>A1 Channel</b> DI-CHB-A1  (A1) 48", 90" Aluminum, White, Black  For 14mm Tape Lights or smaller	Height (H): 0.81 in. Width (W): 0.67 in. Interior Depth (ID): 0.45 in. Interior Width (IW): 0.79 in.  	48" Aluminum, Black, & White Channels • 48 in. channel & lens • 2x surface mounting clips • 1 retaining clip • End caps: 1x open, 1x closed.	12mm Wet Location Tape Light: Soldered Lead Only	Architectural Frosted Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>Beam Angle: 120°</li> <li>Architectural Frosted Lens</li> <li>Light Loss: 30%</li> <li>CCT Shift: -35K</li> <li>IP Rating Shift: IP40</li> </ul>	 U-Clip: 0.82 x 0.88 in. (H x W)
<b>S2 Channel</b> DI-CHB-S2  (S2) 48", 96" Aluminum  For 14mm Tape Lights or smaller	Height (H): 0.57 in. Width (W): 0.74 in. Interior Depth (ID): 0.34 in. Interior Width (IW): 0.63 in.  	48 in. Channel & Frosted Lens, 1 open end cap, 1 closed end cap, 2 mounting clips, 2 mounting screws  96 in. Channel & Frosted Lens, 2 open end cap, 2 closed end cap, 4 mounting clips, 4 mounting screws	12mm Wet Location Tape Light: Soldered Lead Only	Classic Frosted Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>Beam Angle: 120°</li> <li>Classic Frosted Lens</li> <li>Light Loss: 20%</li> <li>CCT Shift: -40K</li> <li>IP Rating Shift: IP40</li> </ul>	 U-Clip: 0.58 x 0.75 in. (H x W)
<b>S45 Channel</b> DI-CHB-S45  (S45) 48", 96" Aluminum  For 14mm Tape Lights or smaller	Height (H): 0.78 in. Width (W): 0.78 in. Interior Depth (ID): 0.54 in. Interior Width (IW): 0.6 in.  	48 in. Channel & Frosted Lens, 1 open end cap, 1 closed end cap, 2 mounting clips, 2 mounting screws  96 in. Channel & Frosted Lens, 2 open end cap, 2 closed end cap, 4 mounting clips, 4 mounting screws	12mm Wet Location Tape Light: Soldered Lead Only	Classic Frosted Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>Beam Angle: 120°</li> <li>Classic Frosted Lens</li> <li>Light Loss: 20%</li> <li>CCT Shift: -40K</li> <li>IP Rating Shift: IP40</li> </ul>	 U-Clip: 0.79 x 0.79 in. (H x W)
<b>16mm Square Channel</b> DI-CPCHB-16MM  (16) 48", 96" Aluminum  For 14mm Tape Lights or smaller	Height (H): 0.89 in. Width (W): 0.77 in. Interior Depth (ID): 0.58 in. Interior Width (IW): 0.63 in.  	48 in. channel & Architectural Frosted Lens • 2x surface mounting clips • End caps: 1x open, 1x closed.  96 in. channel & Architectural Frosted Lens • 4x surface mounting clips • End caps: 2x open, 2x closed.	12mm Wet Location Tape Light: Soldered Lead Only	Architectural Frosted Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>Beam Angle: 120°</li> <li>Architectural Frosted Lens</li> <li>Light Loss: 30%</li> <li>CCT Shift: -35K</li> <li>Black Lens • Light Loss: 90%</li> <li>CCT Shift: -350K</li> <li>IP Rating Shift: IP40</li> </ul>	 Mounting Clip: 0.89 x 0.77 in. (H x W)

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### RECOMMENDED CHANNELS

MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
<b>Slim Channel</b> DI-CPCHB-SL (SL) 48", 96" Aluminum, White, Black For 14mm Tape Lights or smaller		48" Aluminum, Black, & White Channels • 48 in. channel & lens • 2x surface mounting clips • End caps: 1x open, 1x closed  96" Aluminum, Black, & White Channels • 96 in. channel & lens • 4x surface mounting clips • end caps: 2x open, 2x closed	12mm Wet Location Tape Light: Soldered Lead Only	Architectural Frosted Lens STMLT, STMLT4: Dotless  Premium Diffusion Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>Beam Angle: 120°</li> <li>Architectural Clear Lens</li> <li>• Light Loss: 10%</li> <li>• CCT Shift: -20K</li> </ul> <ul style="list-style-type: none"> <li>Architectural Frosted Lens</li> <li>• Light Loss: 30%</li> <li>• CCT Shift: -35K</li> </ul> <ul style="list-style-type: none"> <li>Classic Frosted Lens</li> <li>• Light Loss: 20%</li> <li>• CCT Shift: -30K</li> </ul> <ul style="list-style-type: none"> <li>Black Lens</li> <li>• Light Loss: 90%</li> <li>• CCT Shift: -350K</li> </ul> <ul style="list-style-type: none"> <li>Premium Diffusion Lens</li> <li>• Light Loss: 10%</li> <li>• CCT Shift: -30K</li> </ul> <ul style="list-style-type: none"> <li>• IP Rating Shift: IP40</li> </ul> <p>For diffusion options not listed, refer to Slim Channel Specification Sheet.</p>	
<b>45° Channel</b> DI-CPCHB-45 (45) 48", 96" Aluminum, White, Black For 14mm Tape Lights or smaller		48" Aluminum, Black, & White Channels • 48 in. channel & clear, or frosted lens • 4x surface mounted clips • 2x End-to-end interconnects  96" Aluminum Channel • 96 in. channel & clear, or frosted lens • 8x surface mounted clips • 4x End-to-end interconnects  96" Black & White Channels • 96 in. channel & clear, or frosted lens • 4x surface mounted clips • 2x End-to-end interconnects	12mm Wet Location Tape Light: Soldered Lead Only	Architectural Frosted Lens STMLT, STMLT4: Dotless  Premium Diffusion Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>Beam Angle: 120°</li> <li>Architectural Clear Lens</li> <li>• Light Loss: 10%</li> <li>• CCT Shift: -20K</li> </ul> <ul style="list-style-type: none"> <li>Architectural Frosted Lens</li> <li>• Light Loss: 30%</li> <li>• CCT Shift: -35K</li> </ul> <ul style="list-style-type: none"> <li>Classic Frosted Lens</li> <li>• Light Loss: 20%</li> <li>• CCT Shift: -40K</li> </ul> <ul style="list-style-type: none"> <li>Black Lens</li> <li>• Light Loss: 90%</li> <li>• CCT Shift: -350K</li> </ul> <ul style="list-style-type: none"> <li>Premium Diffusion Lens</li> <li>• Light Loss: 10%</li> <li>• CCT Shift: -30K</li> </ul> <ul style="list-style-type: none"> <li>• IP Rating Shift: IP40</li> </ul> <p>For diffusion options not listed, refer to 45° Channel Specification Sheet.</p>	
<b>20mm Square Channel</b> DI-CPCHB-SQC20 (SQ20) 48", 96" Aluminum For 14mm Tape Lights or smaller		48 in. channel & frosted lens 2x surface mounting clips End caps: 1x open, 1x closed.  96 in. channel & frosted lens 4x surface mounting clips End caps: 2x open, 2x closed.	12mm Wet Location Tape Light: Soldered Lead Only	Classic Frosted Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>Beam Angle: 180°</li> <li>Classic Frosted Lens</li> <li>• Light Loss: 20%</li> <li>• CCT Shift: -40K</li> </ul> <ul style="list-style-type: none"> <li>• IP Rating Shift: IP40</li> </ul>	
<b>20mm Round Channel</b> DI-CPCHB-RC20 (RC20) 48", 96" Aluminum For 14mm Tape Lights or smaller		48 in. channel & frosted lens 2x surface mounting clips End caps: 1x open, 1x closed.  96 in. channel & frosted lens 4x surface mounting clips End caps: 2x open, 2x closed.	12mm Wet Location Tape Light: Soldered Lead Only	Classic Frosted Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>Beam Angle: 180°</li> <li>Classic Frosted Lens</li> <li>• Light Loss: 20%</li> <li>• CCT Shift: -40K</li> </ul> <ul style="list-style-type: none"> <li>• IP Rating Shift: IP40</li> </ul>	

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### RECOMMENDED CHANNELS

MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
<b>Reflector Channel</b> DI-CPCHB-RFCTR (REF) 48", 96" Aluminum For 12mm Tape Lights or smaller	Height (H): 2.75 in. Width (W): 0.59 in. Interior Depth (ID): 0.29 in. Interior Width (IW): 0.54 in. Cut Out Width (CO): 2.35 in. Recessed Wing (RW): 0.2 in.	48 in. channel & frosted cover End caps: 1x open, 1x closed.  96 in. channel & frosted cover End caps: 1x open, 1x closed.		12mm Wet Location Tape Light: Soldered Lead Only	• Beam Angle: 120° • Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K  • IP Rating Shift: IP40	
<b>Recessed Channel</b> DI-CPCHB-REC (REC) 48", 96" Aluminum For 14mm Tape Lights or smaller	Height (H): 0.4 in. Width (W): 1.03 in. Interior Depth (ID): 0.42 in. Interior Width (IW): 0.59 in. Cut Out Width (CO): 0.74 in. Recessed Wing (RW): 0.15 in.	48 in. channel & frosted lens 2x surface mounted clips End caps: 1x open, 1x closed.  96 in. channel & frosted lens 4x surface mounted clips End caps: 2x open, 2x closed.		12mm Wet Location Tape Light: Soldered Lead Only	• Beam Angle: 120° • Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K  • IP Rating Shift: IP40	
<b>Sconce Channel</b> DI-CPCHB-SCNC (SCNC) 48", 96" Aluminum For 14mm Tape Lights or smaller	Height (H): 1.13 in. Width (W): 1.21 in. Interior Depth (ID): 0.53 in. Interior Width (IW): 0.84 in.	48 in. channel, 2x frosted cover Mounting plate End caps: 1x open, 1x closed.  96 in. channel, 2x frosted cover Mounting plate End caps: 1x open, 1x closed.		12mm Wet Location Tape Light: Soldered Lead Only	• Beam Angle: 120° • Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K  • IP Rating Shift: IP40	
<b>1-inch Mud-In Channel</b> DI-CPCHB-MUD1 (MUD) 48", 96" Aluminum For 14mm Tape Lights or smaller	Height (H): 0.54 in. Width (W): 2.42 in. Interior Depth (ID): 0.44 in. Interior Width (IW): 0.81 in. Cut Out Width (CO): 1.19 in.	96 in. channel & opal lens 2x end-to-end connectors End caps: 2x open, 2x closed.		12mm Wet Location Tape Light: Soldered Lead Only	• Beam Angle: 120° • Opal Lens • Light Loss: 55% • CCT Shift: -200K  • IP Rating Shift: IP40	

**STREAMLITE™ Wet Location 24V  
LED Tape Light**

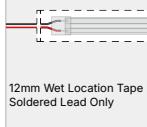
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**RECOMMENDED CHANNELS**

MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
<b>2-inch Mud-In Channel</b> DI-CPCHB-MUD2 (MI2) 48", 96" Aluminum For 14mm Tape Lights or smaller	 <p>Height (H): 0.8 in. Width (W): 3.86 in. Interior Depth (ID): 0.69 in. Interior Width (IW): 1.84 in. Cut Out Width (CO): 1.97 in.</p>	<p>96 in. channel &amp; opal lens 2x surface mounting clips End caps: 2x open, 2x closed.</p>	 <p>12mm Wet Location Tape Light: Soldered Lead Only</p>	 <p>Opal Lens STMLT, STMLT4: Dotless</p>	<ul style="list-style-type: none"> <li>Beam Angle: 120°</li> <li>Opal Lens</li> <li>Light Loss: 55%</li> <li>CCT Shift: -200K</li> <li>IP Rating Shift: IP40</li> </ul>	 <p>Recessed Mount: 0.8 x 3.86 in. (H x W)</p>

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### RECOMMENDED 24V DRIVERS

SKU	INPUT VOLTAGE / FREQUENCY	OUTPUT VOLTAGE	MAXIMUM LOAD	MINIMUM LOAD	CLASS 2	DIMMABLE	LENGTH	WIDTH	HEIGHT
<b>OMNIDRIVE® X Dimmable Driver</b>									
Versatile driver for most high-performance dimming on ELV, TRIAC, and 0-10V systems. <a href="https://www.diodeled.com/custom/download/productFile/filename/omnidrive-x-specification-sheet.pdf/">https://www.diodeled.com/custom/download/productFile/filename/omnidrive-x-specification-sheet.pdf/</a>									
DI-ODX-24V30W-J	120-277V	24V	30W	No Minimum Load	Yes	Yes	6.5 in.	3.7 in.	1.57 in.
DI-ODX-24V60W-J	120-277V	24V	60W	No Minimum Load	Yes	Yes	7.4 in.	3.7 in.	1.57 in.
DI-ODX-24V96W-J	120-277V	24V	96W	No Minimum Load	Yes	Yes	8.66 in.	3.7 in.	1.57 in.
DI-ODX-24V120W-J	120-277V	24V	120W	No Minimum Load	No	Yes	8.66 in.	3.7 in.	1.57 in.
<b>OMNIDRIVE® Electronic Dimmable Driver</b>									
Our classic electronic dimmable (ELV) driver. Superior dimming and wide compatibility with popular dimmers. <a href="https://www.diodeled.com/custom/download/productFile/filename/omnidrive-indoor-electronic-dimmable-driver-specification-sheet.pdf/">https://www.diodeled.com/custom/download/productFile/filename/omnidrive-indoor-electronic-dimmable-driver-specification-sheet.pdf/</a>									
DI-TD-24V-45W-LPS3R	90~135VAC at ~50/60Hz	24V	45W	Load at least 60% labeled load	Yes	Yes	10.79 in.	7.34 in.	2.36 in.
DI-TD-24V-60W-LPS3R	90 ~ 135VAC 50/60Hz	24V	60W	Load at least 60% labeled load	Yes	Yes. Not compatible with PWM controls.	10.79 in.	7.34 in.	2.36 in.
DI-TD-24V-80W-LPS3R	90 ~ 135VAC 50/60Hz	24V	80W	Load at least 60% labeled load	Yes	Yes. Not compatible with PWM controls.	10.79 in.	7.34 in.	2.36 in.
<b>VLM Series Constant Voltage Driver</b>									
Compact driver for on/off, PWM dimming, and color-changing applications. <a href="https://www.diodeled.com/custom/download/productFile/filename/VLM-Specification%20Sheet%20(Driver%20%20J-Box).pdf/">https://www.diodeled.com/custom/download/productFile/filename/VLM-Specification%20Sheet%20(Driver%20%20J-Box).pdf/</a>									
VL60W-24-LPS3R	120 / 277VAC 47 - 63Hz	24V	60W	No Minimum Load	Yes	PWM	10.79 in.	7.34 in.	2.36 in.
VL60W-24-LPM	120 / 277VAC 47 - 63Hz	24V	60W	No Minimum Load	Yes	PWM	8.19 in.	2.94 in.	1.31 in.
<b>PoE (Power over Ethernet)</b>									
Constant voltage platform, ready for Power over Ethernet (inquire)									

### RECOMMENDED CONTROLLERS

SKU	DESCRIPTION
<b>CASAMBI® Controllers</b>	
The CASAMBI controllers will remotely control your lighting through the app - downloadable for iOS & Android.	
CBU-PWM4	CASAMBI PWM4 Single Color Dimming Controller
CBU-A2D	CASAMBI A2D 2 Channel 0-10V/DALI Controller
CBU-ASR	CASAMBI ASR 0-10V Controller
DI-CBU-PWM5-PRO	Casambi CBU-PWM5-Pro RGB/W/WW Applications, 5 x PWM for constant voltage lights, 4 amps/CH max
<b>SWITCHEX® Driver and Dimmer Switch</b>	
LED driver and dimmer switch combined in a single gang box.	
DI-24V-SE-60W	SWITCHEX 24V Switch/Driver Combo - 60W
DI-24V-SE-100W	SWITCHEX 24V Switch/Driver Combo - 100W



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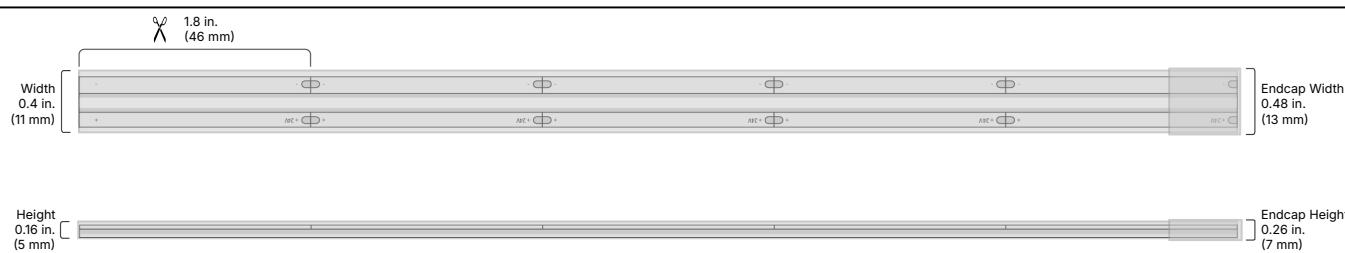
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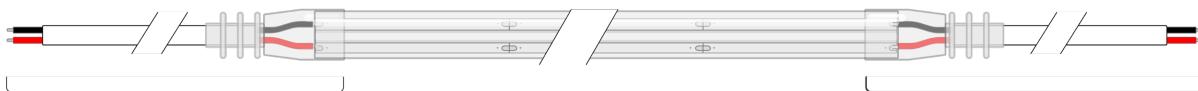
### MECHANICAL DIAGRAMS

24V-STMLT



24V-STMLT4

### CONNECTIONS



36 in. Bare Lead 20/2 AWG UL 2464 Wire with Strain Relief

36 in. Bare Lead 20/2 AWG UL 2464 Wire with Strain Relief

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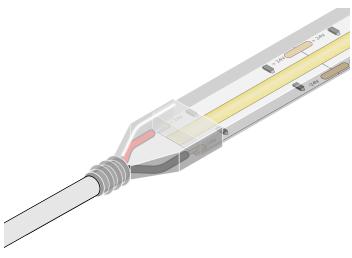
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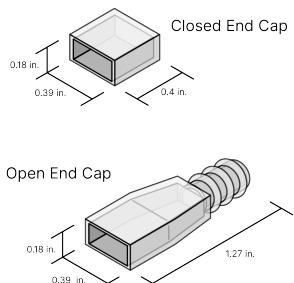
### ACCESSORIES

#### Soldered Lead Only



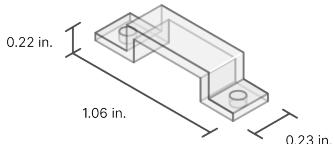
#### DI-WL-EC

BLAZE Wet Location Strip Light End Cap Set, 5-pack, 5 open and 5 closed



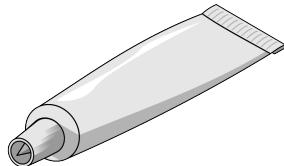
#### DI-0754

Wet Location Strip Light Mounting Clips - Set of 10



#### DI-WPSL

Wet Location Sealant



### DELIVERY OPTIONS

- **Field Assembly**

Fastest order fulfillment. Field connectors and accessories not included.

- **Factory + Field (Hybrid)**

Onsite modifications with factory connection. Additional accessories not included.

- **Factory Assembly**

Fastest Installation. Factory made-to-order fixtures.

- Lumen value measured in accordance to IES LM-80-08. LED chips have a luminous flux range with a tolerance of +/- 5%.
- Each maximum run requires a dedicated power feed from the driver. Do not extend beyond the recommended maximum run length. Max run may exceed Class 2 limit. Actual wattage may differ from calculated wattage due to voltage drop across run.
- Do not install product in an environment outside the listed ambient temperature. Exceeding the maximum ambient temperature may damage LED chips, reduce the total lamp life, lumen output, and/or adversely impact color consistency.
- Actual efficacy value is dependent to specified LED driver (power supply). An estimated efficacy value can be calculated as follows: Lumen value divided by average power consumption per foot.
- Operating temperature is measured according to the minimum and maximum ambient temperature environment.

### STREAMLITE™ Wet Location 24V LED Tape Light

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

Date \_\_\_\_\_



Project Notes \_\_\_\_\_



### CERTIFICATIONS

#### Safety

- UL Listed 2108 Flexible Lighting Systems. Certified for United States and Canada. File # E469769.
- UL Listed Field Cuttable.
- Approved for storage areas of clothes closets per NEC NEC 410.16.A.1 and 410.16.C.1,3

#### Environment

- Ambient Temperature: -4 ~ 122°F (-20 ~ 50°C)
- Operating Temperature: -4 ~ 176°F (-20 ~ 80°C)
- RoHS Compliant: Verification No. CANEC1610091501

#### Performance

- Can be used to comply with TITLE 24 Part 6 High Efficacy Lighting LED requirements - JA8-2016-2022-E
- Photometric & Colorimetry data measured in accordance to IES LM-79-08, in Elemental LED's Innovation Lab.

#### Safety / Warnings / Disclosures

- Install in accordance with national and local electrical code regulations.
- This product is intended to be installed and serviced by a qualified, licensed electrician.
- Only use copper wiring. Use wires rated for at least 176°F (80°C) and certified for use with external connection of electrical equipment.
- Each maximum run requires a dedicated power feed from the driver. Do not extend beyond the recommended maximum run length.
- Tape light, attached wire leads, and additional extension cables, connectors, etc., are not rated for in-wall installation unless otherwise noted. Tape light and attached wire leads are field-cuttable.
- Maximum Run values are calculated to show the total length a product may be connected in series without experiencing significant voltage drop and light loss. A product's listed Maximum Run may be greater than its longest purchasable length.
- Ensure applicable wire is installed between driver, fixture, and any controls in-between. When choosing wire, factor in voltage drop, amperage rating, and type (in-wall rated, wet location rated, etc.). Inadequate wire installation could overheat wires, and cause fire.
- Do not install in environment where LED chips are exposed to direct sunlight as damage to the phosphor will occur.
- Do not install in environment where excessive heat may exist (ex. close proximity to fireplace, etc.) See Ambient Temperature ratings
- Do not install indoor LED tape light products in outdoor / wet location environments. Only wet location tape light models are rated for outdoor / wet locations.
- Do not modify product beyond instructions or warranty will be void.
- Tape light must be handled with care. Excessive handling, bending, and pressure may damage the product, voiding the warranty.
- Actual color may vary from what is pictured on this sheet and other print materials due to the limitations of photographic processes.

### WARRANTY

#### Limited Warranty

- 7 Year limited warranty

This warranty does not include the additional accessories referenced in this specification sheet. Complete warranty details for fixtures and additional accessories are available at [www.diodeled.com/limited-warranty/](http://www.diodeled.com/limited-warranty/) within the Policies section. For warranty related questions please contact product support.

#### Consumer's Acknowledgment

Elemental LED, Inc. stands behind its products when they are used properly and according to our specifications. By purchasing our products, the purchaser agrees and acknowledges that lighting design, configuration and installation is a complex process, wherein seemingly minor factors or changes in layout and in-field adjustments can have a significant impact on an entire system. Choosing the correct components is essential. Elemental LED is able to work with the original purchaser to make an appropriate product selection to the extent of the limited information that the customer can provide, but it is virtually impossible for Elemental LED to design a system that foresees every unknown factor. For this reason, this Warranty does not cover problems caused by improper design, configuration or installation issues. Any statement from a Elemental LED employee or agent regarding a customer's bill of goods and/or purchase order is NOT an acknowledgment that the products purchased are designed and configured correctly. The purchase agrees and acknowledges that it is the customer's responsibility to adhere strictly to all information contained in the Product Specification Sheets.

There is often more than one way to design, configure and layout an LED lighting application properly to achieve the same lighting effect. Elemental LED strongly recommends that licensed professionals be used in the design and installation of lighting systems that include Elemental LED products. The specifications include important information that a designer and installer should carefully review and strictly follow. Qualified designers and certified and/or licensed installers, with access to the final installation environment, customer goals, and Elemental LED product specifications can make the requisite decisions appropriate for a successful finished lighting application.