

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

RGBW tape light, suitable for wet locations (IP65), delivers vibrant and saturated colors with diffused illumination. Offers billions of color combinations, making it ideal for various lighting applications.

Date \_\_\_\_\_

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



#### FEATURES

- Wet location rated (IP65)
- Up to 300 lm/ft.
- 3.3 W/ft.
- 16.4 ft. Max. Run
- 7 Year Warranty



#### ORDERING CODES

Order spools, and components for field assembly

#### OPTIONAL ORDERING CODES

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

	Voltage	Model	Color	Length	Channels	Finish	Lens	Mounting	Driver	Delivery		
DI												
	24V (24V Volt)	STMLT	RGBW (RGBW)	W016 (16 feet wet location)	A1 (A1)  S2 (S2)  S45 (S45)  RC20 (20mm Round)	SQ20 (20mm Square)  16 (16mm Square)  45 (45°)  SL (Slim)	SQ (Square)  REC (Recessed)  M11 (1-inch Mud-In)  M12 (2-inch Mud-In)	AL (Aluminum)  BL (Black)  WH (White)	*blank* (Classic Frosted Lens)  BL (Black Lens)  CLT (Arch. Clear Lens)  FRT (Arch. Frosted Lens)  OPT (Opal Lens)  PD (Prem. Diffusion Lens)	3M (3M Adhesive)  MC (Mounting Clip)  RC (Rotating Clip)  CHN (Mounting Channel)	O/O (On / Off)  PoE (Power over Ethernet)	Field Assembly  Factory + Field (Hybrid)  Factory Assembly
*See page 2 for Channel / Lens / Mounting compatibility												

#### STREAMLITE™ RGBW Wet Location - SPECIFICATION TABLE

<b>Models</b>	<b>24V-STMLT</b>
<b>Voltage</b>	<b>24VDC</b>
<b>Wattage</b>	<b>3.3W/ft.</b>
Lumens RGBW	Red: 34.7 Lm/ft. Green: 116.4 Lm/ft. Blue: 24.0 Lm/ft. White: 96.0 Lm/ft. All: 258.0 Lm/ft.
Cut Points	2.46 in.
Max Run (ft.)	20 ft.
CRI	90+
Dimensions	0.55 × 0.22 in. (W x H)
Environment	Outdoor / Wet Location (IP65)
Lead Wire A	36 in. White Bare Lead 22/5 AWG UL 2464 Wire with Strain Relief
Lead Wire B	36 in. White Bare Lead 22/5 AWG UL 2464 Wire with Strain Relief
LED Chips	273/ft.
Certification	UL Listed 2108
Warranty	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
RC20 (20mm Round)	*blank*	AL	UC
SQ20 (20mm Square)	*blank*	AL	UC
16 (16mm Square)	FRT	AL	MC
45 (45°)	*blank* / CLT / FRT / BL / PD	AL / WH / BL	MC / VC / RC / HNG
SL (Slim)	*blank* / CLT / FRT / BL / PD	AL / WH / BL	MC / 3M / MAG
SQ (Square)	*blank* / CLT / FRT / BL / PD	AL / WH / BL	MC / VC / RC / HNG
REC (Recessed)	*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

**STREAMLITE™ RGBW 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>A1 Channel</b> DI-CHB-A1 (A1) 48", 96" Aluminum, White, Black For 14mm Tape Lights or smaller	Height (H): 0.81 in. Width (W): 0.87 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. 90" Aluminum, Black, & White Channels • 90 in. channel & lens • 4x surface mounting clips • 2x strain relief clip • End caps: 2x open, 2x closed, 2x slotted	14mm Tape Light: Soldered Lead Only	Architectural Frosted Lens STREAMLITE™ RGBW Wet Location - STMLT: Dotless	• Beam Angle: 120° • Architectural Frosted Lens • Light Loss: 30% • CCT Shift: -35K • IP Rating Shift: IP40	U-Clip: 0.82 × 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	14mm Tape Light: Soldered Lead Only	Classic Frosted Lens STREAMLITE™ RGBW Wet Location - STMLT: Dotless	• Beam Angle: 120° • Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K • IP Rating Shift: IP40	U-Clip: 0.58 × 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	14mm Tape Light: Soldered Lead Only	Classic Frosted Lens STREAMLITE™ RGBW Wet Location - STMLT: Dotless	• Beam Angle: 120° • Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K • IP Rating Shift: IP40	U-Clip: 0.79 × 0.79 in. (H x W)
<b>20mm Round Channel</b> DI-CPCHB-RC20 (RC20) 48", 96" Aluminum For 14mm Tape Lights or smaller	Height (H): 1.18 in. Width (W): 1.18 in. Interior Depth (ID): 0.84 in. Interior Width (IW): 0.84 in. 	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.	14mm Tape Light: Soldered Lead Only	Classic Frosted Lens STREAMLITE™ RGBW Wet Location - STMLT: Dotless	• Beam Angle: 180° • Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K • IP Rating Shift: IP40	U-Clip: 1.19 × 1.19 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>20mm Square Channel</b> DI-CPCHB-SQC20  (SQ20) 48", 96" Aluminum For 14mm Tape Lights or smaller	Height (H): 1.18 in. Width (W): 1.18 in. Interior Depth (ID): 0.84 in. Interior Width (IW): 0.84 in.  	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.	 14mm Tape Light: Soldered Lead Only	Classic Frosted Lens STREAMLITE™ RGBW Wet Location - STMLT: 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> <li>• IP Rating Shift: IP40</li> </ul>	 U-Clip: 1.19 x 1.19 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 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.	 14mm Tape Light: Soldered Lead Only	Architectural Frosted Lens STREAMLITE™ RGBW Wet Location - STMLT: 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>	 Mounting Clip: 0.89 x 0.77 in. (H x W)
<b>45° Channel</b> DI-CPCHB-45  (45) 48", 96" Aluminum, White, Black For 14mm Tape Lights or smaller	Height (H): 0.94 in. Width (W): 0.67 in. Interior Depth (ID): 0.32 in. Interior Width (IW): 0.67 in.  	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	 14mm Tape Light: Soldered Lead Only	Architectural Frosted Lens STREAMLITE™ RGBW Wet Location - STMLT: Dotless  Premium Diffusion Lens STMLT: Dotless  For diffusion options not listed, refer to 45° Channel Specification Sheet.	<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> <li>• Architectural Frosted Lens</li> <li>• Light Loss: 30%</li> <li>• CCT Shift: -35K</li> <li>• Classic Frosted Lens</li> <li>• Light Loss: 20%</li> <li>• CCT Shift: -40K</li> <li>• Black Lens</li> <li>• Light Loss: 90%</li> <li>• CCT Shift: -350K</li> <li>• Premium Diffusion Lens</li> <li>• Light Loss: 10%</li> <li>• CCT Shift: -30K</li> <li>• IP Rating Shift: IP40</li> </ul>	 Chromapath Surface Mount: 1 x 0.67 in. (H x W)  Vertical Mount: 1 x 0.67 in. (H x W)  Rotating Mount: 1.68 x 0.67 in. (H x W)  Hanging Mount: 1.9 x 0.67 in. (H x W)
<b>Slim Channel</b> DI-CPCHB-SL  (SL) 48", 96" Aluminum, White, Black For 14mm Tape Lights or smaller	Height (H): 0.38 in. Width (W): 0.82 in. Interior Depth (ID): 0.3 in. Interior Width (IW): 0.67 in.  	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	 14mm Tape Light: Soldered Lead Only	Architectural Frosted Lens STREAMLITE™ RGBW Wet Location - STMLT: Dotless  Premium Diffusion Lens STMLT: Dotless  For diffusion options not listed, refer to Slim Channel Specification Sheet.	<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> <li>• Architectural Frosted Lens</li> <li>• Light Loss: 30%</li> <li>• CCT Shift: -35K</li> <li>• Classic Frosted Lens</li> <li>• Light Loss: 20%</li> <li>• CCT Shift: -40K</li> <li>• Black Lens</li> <li>• Light Loss: 90%</li> <li>• CCT Shift: -350K</li> <li>• Premium Diffusion Lens</li> <li>• Light Loss: 10%</li> <li>• CCT Shift: -30K</li> <li>• IP Rating Shift: IP40</li> </ul>	 Slim Mount: 0.54 x 0.87 in. (H x W)  3M Adhesive: 0.48 x 0.82 in. (H x W)  Magnetic U-Clip: 0.59 x 0.82 in. (H x W)  Premium Diffusion: 0.96 x 0.82 in. (H x W)

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MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
<b>Square Channel</b> DI-CPCHB-SQ  (SQ) 48", 96" Aluminum, White, Black For 14mm Tape Lights or smaller		48" Aluminum Channel • 48 in. channel & frosted lens • 2x surface mounting clips • End caps: 1x open, 1x closed.  48" 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 & frosted lens • 4x surface mounting clips • End caps: 2x open, 2x closed.  96" Black & White Channels • 96 in. channel & clear, or frosted lens • 4x surface mounted clips • 2x End-to-end interconnects	<p>14mm Tape Light: Soldered Lead Only</p>	<p>Architectural Frosted Lens STREAMLITE™ RGBW Wet Location - STMLT: Dotless</p> <p>Premium Diffusion Lens STMLT: Dotless</p> <p>For diffusion options not listed, refer to Square Channel Specification Sheet.</p>	<ul style="list-style-type: none"> <li>Beam Angle: 120°</li> <li>Architectural Clear Lens               <ul style="list-style-type: none"> <li>Light Loss: 10%</li> <li>CCT Shift: -20K</li> </ul> </li> <li>Architectural Frosted Lens               <ul style="list-style-type: none"> <li>Light Loss: 30%</li> <li>CCT Shift: -35K</li> </ul> </li> <li>Classic Frosted Lens               <ul style="list-style-type: none"> <li>Light Loss: 20%</li> <li>CCT Shift: -40K</li> </ul> </li> <li>Black Lens               <ul style="list-style-type: none"> <li>Light Loss: 90%</li> <li>CCT Shift: -350K</li> </ul> </li> <li>Premium Diffusion Lens               <ul style="list-style-type: none"> <li>Light Loss: 10%</li> <li>CCT Shift: -30K</li> </ul> </li> <li>IP Rating Shift: IP40</li> </ul>	<p>Chromapath Surface Mount: 0.61 × 0.82 in. (H x W)</p> <p>Vertical Mount: 0.61 × 0.82 in. (H x W)</p> <p>Rotating Mount: 1.29 × 0.82 in. (H x W)</p> <p>Hanging Mount: 1.51 × 0.82 in. (H x W)</p> <p>Premium Diffusion: 1.13 × 0.82 in. (H x W)</p>
<b>Recessed Channel</b> DI-CPCHB-REC  (REC) 48", 96" Aluminum For 14mm Tape Lights or smaller		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.	<p>14mm Tape Light: Soldered Lead Only</p>	<p>Classic Frosted Lens STREAMLITE™ RGBW Wet Location - STMLT: Dotless</p>	<ul style="list-style-type: none"> <li>Beam Angle: 120°</li> <li>Classic Frosted Lens               <ul style="list-style-type: none"> <li>Light Loss: 20%</li> <li>CCT Shift: -40K</li> </ul> </li> <li>IP Rating Shift: IP40</li> </ul>	<p>3M Adhesive: 0.59 × 1.03 in. (H x W)</p> <p>Recessed Mount: 0.49 × 1.03 in. (H x W)</p>
<b>1-inch Mud-In Channel</b> DI-CPCHB-MUD1  (MI1) 48", 96" Aluminum For 14mm Tape Lights or smaller		96 in. channel & opal lens 2x end-to-end connectors End caps: 2x open, 2x closed.	<p>14mm Tape Light: Soldered Lead Only</p>	<p>Opal Lens STREAMLITE™ RGBW Wet Location - STMLT: Dotless</p>	<ul style="list-style-type: none"> <li>Beam Angle: 120°</li> <li>Opal Lens               <ul style="list-style-type: none"> <li>Light Loss: 55%</li> <li>CCT Shift: -200K</li> </ul> </li> <li>IP Rating Shift: IP40</li> </ul>	<p>Recessed Mount: 0.54 × 2.42 in. (H x W)</p>
<b>2-inch Mud-In Channel</b> DI-CPCHB-MUD2  (MI2) 48", 96" Aluminum For 14mm Tape Lights or smaller		96 in. channel & opal lens 2x surface mounting clips End caps: 2x open, 2x closed.	<p>14mm Tape Light: Soldered Lead Only</p>	<p>Opal Lens STREAMLITE™ RGBW Wet Location - STMLT: Dotless</p>	<ul style="list-style-type: none"> <li>Beam Angle: 120°</li> <li>Opal Lens               <ul style="list-style-type: none"> <li>Light Loss: 55%</li> <li>CCT Shift: -200K</li> </ul> </li> <li>IP Rating Shift: IP40</li> </ul>	<p>Recessed Mount: 0.8 × 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>MEANWELL Constant Voltage Driver</b> Drivers for on/off or PWM dimming applications. <a href="https://www.diodeled.com/custom/download/productFile/filename/commercial-grade-CV-Driver-Specification%20Sheet%20(24V%20Models).pdf">https://www.diodeled.com/custom/download/productFile/filename/commercial-grade-CV-Driver-Specification%20Sheet%20(24V%20Models).pdf</a>									
MEANWELL Constant Voltage Driver Specification Sheet Contains: • Additional Models • Derating Curves • Additional Features • System Diagrams									
DI-CV-MW24V60W-277-LPS3R	120 ~ 277VAC 50/60Hz	24V	60W	No Minimum Load	Yes	Yes, with compatible PWM dimmer/controls	10.79 in.	7.34 in.	2.36 in.
DI-CV-MW24V60W-277-LPS	120 ~ 277VAC 50/60Hz	24V	60W	No Minimum Load	Yes	Yes, with compatible PWM dimmer/controls	11.25 in.	3.75 in.	1.9 in.
DI-CV-MW24V90W-277-LPS3R	120 ~ 277VAC 50/60Hz	24V	90W	No Minimum Load	Yes	Yes, with compatible PWM dimmer/controls	10.79 in.	7.34 in.	2.36 in.
DI-CV-MW24V90W-277-LPL	120 ~ 277VAC 50/60Hz	24V	90W	No Minimum Load	Yes	Yes, with compatible PWM dimmer/controls	13.5 in.	4.5 in.	2.38 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&amp;%20J-Box).pdf">https://www.diodeled.com/custom/download/productFile/filename/VLM-Specification%20Sheet%20(Driver%20&amp;%20J-Box).pdf</a>									
VLM Series Constant Voltage Driver Specification Sheet Contains: • Additional Models • Derating Curves • Additional Features • System Diagrams									
VLM60W-24-LPS3R	120 / 277VAC 47 - 63Hz	24V	60W	No Minimum Load	Yes	PWM	10.79 in.	7.34 in.	2.36 in.
VLM60W-24-LPM	120 / 277VAC 47 - 63Hz	24V	60W	No Minimum Load	Yes	PWM	8.19 in.	2.94 in.	1.31 in.
VLM100W-24-LPS3R	120 / 277VAC 47 - 63Hz	24V	100W	No Minimum Load	Yes	PWM	10.79 in.	7.34 in.	2.36 in.
<b>PoE (Power over Ethernet)</b> Constant voltage platform, ready for Power over Ethernet (inquire)									

### RECOMMENDED CONTROLLERS

SKU	DESCRIPTION
<b>TOUCHDIAL™ Control Systems</b> The TOUCHDIAL™ zone control system controls single color dimming, tunable white, and color changing LED lighting via mobile device and additional TOUCHDIAL controls.	
DI-RF-REC-CV-A	TOUCHDIAL Color Control System - WiFi Receiver
DI-RF-REM-RGBW-1	TOUCHDIAL Mini Remote RGB(W) - Single Zone
DI-RF-REM-RGBW-4	TOUCHDIAL Color Control System - RGB/RGBW 4-Zone Remote Controller
DI-WIFI-RF-TRMS	TOUCHDIAL Color Control System - WiFi Hub
<b>ATTRIBUTE® Color Controllers</b> Affordable, flexible color controllers for RGB and RGBW LED lighting. Easy to install.	
DI-ATT-RGBW-REM	ATTRIBUTE RGB(W) Color Controller and Receiver
<b>Nicolaudie DMX LED Controllers</b> Store up to 500 scenes across 10 separate zones with a full-color display.	
DI-DMX-DE3	Nicolaudie STICK-DE3 DMX LED Controller
DI-DMX-ESA	Nicolaudie Easy Stand Alone DMX LED Color Controller - 5k Memory
DI-DMX-KE2	Nicolaudie STICK 1 Wall Mount DMX LED Controller - KE2



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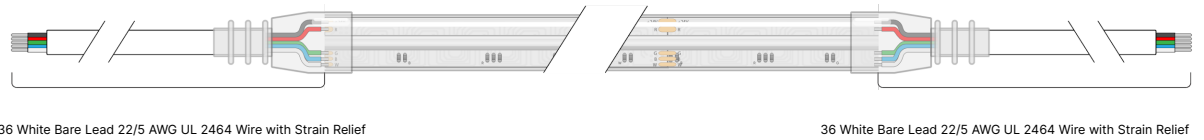


**MECHANICAL DIAGRAMS**

**24V-STMLT**



**CONNECTIONS**



**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.

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#### 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 410.16.A.1,3 and 410.16.C.1,3,5

##### Environment

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

##### Performance

- Photometric & Colorimetry data measured in accordance to IES LM-79-08, in Elemental LED's Innovation Lab.

#### Safety / Warnings / Disclosures

1. Install in accordance with national and local electrical code regulations.
2. This product is intended to be installed and serviced by a qualified, licensed electrician.
3. Only use copper wiring. Use wires rated for at least 176°F (80°C) and certified for use with external connection of electrical equipment.
4. Each maximum run requires a dedicated power feed from the driver. Do not extend beyond the recommended maximum run length.
5. 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.
6. 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.
7. Do not install in environment where LED chips are exposed to direct sunlight as damage to the phosphor will occur.
8. Do not install in environment where excessive heat may exist (ex. close proximity to fireplace, etc.) See Ambient Temperature ratings
9. 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.
10. Do not modify product beyond instructions or warranty will be void.
11. Tape light must be handled with care. Excessive handling, bending, and pressure may damage the product, voiding the warranty.
12. Actual color may vary from what is pictured on this sheet and other print materials due to the limitations of photographic processes.
13. We reserve the right to modify and improve the design of our fixtures without prior notice. We cannot guarantee to match existing installed fixtures for subsequent orders or replacements in regards to product appearance, CCT, or lumen output.

#### 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 infield 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.