

**STREAMLITE™ Wet Location 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 \_\_\_\_\_



**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					Soldered Wire Lead and Connection Options					
DI	Voltage	Model	CCT	Length	Input Wire Color, Length, and Connection			Output Wire Color, Length, and Connection		
	24V (24V Volt)	STMLT STMLT4	27 (2700K) 30 (3000K) 35 (3500K) 40 (4000K)	W016 (16 feet wet location) WCSTM_ (in.) wet location	<b>Color &amp; Type</b> <i>WH (White CL2 - Default)</i>	<b>Length</b> <i>36l (36 in. - Default)</i>	<b>Connection</b> <i>BW (Bare Wire - Default)</i>	<b>*blank* (No Wire - Default)</b>		
					BL (Black CL2) SV (Silver Plenum - Bare Lead only)	in.	DC (Barrel) MIC (Interconnect)	WH (White CL2) BL (Black CL2) SV (Silver Plenum - Bare Lead only)	in.	BW (Bare Wire - Default) DC (Barrel) MIC (Interconnect)

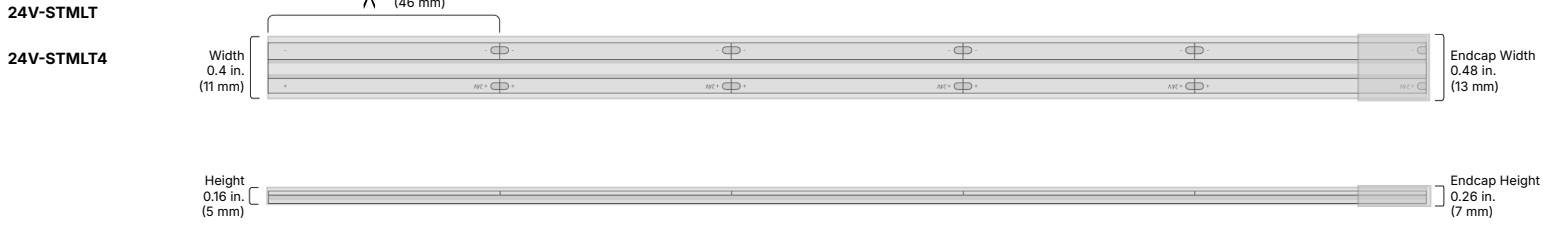
**GENERAL SPECIFICATIONS (ALL MODELS)**

<b>Voltage</b>	24VDC
<b>Cut Points</b>	1.8 in.
<b>Dimmable</b>	Yes
<b>CRI</b>	90+
<b>Dimensions</b>	0.4 x 0.16 in. (W x H)
<b>TM-21 (LM-80)</b>	>50,000 hours
<b>Environment</b>	Outdoor / Wet Location (IP65)
<b>Lead Wire A</b>	36 in. Bare Lead 20/2 AWG UL 2464 Wire with Strain Relief
<b>Lead Wire B</b>	36 in. Bare Lead 20/2 AWG UL 2464 Wire with Strain Relief
<b>LED Chips</b>	176/ft.
<b>Certification</b>	UL Listed 2108
<b>Limited Warranty</b>	7 Year Limited Warranty

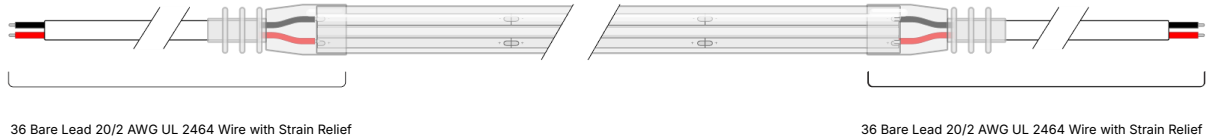
**DETAILED SPECIFICATIONS**

	24V-STMLT	24V-STMLT4
<b>Wattage</b>	3.3W/ft.	5W/ft.
<b>Max Run (ft.)</b>	20 ft.	16.4 ft.
<b>2700K</b>	221 Lm/ft.	376 Lm/ft.
<b>3000K</b>	256 Lm/ft.	378 Lm/ft.
<b>3500K</b>	275 Lm/ft.	400 Lm/ft.
<b>4000K</b>	271 Lm/ft.	440 Lm/ft.

**MECHANICAL DIAGRAMS**



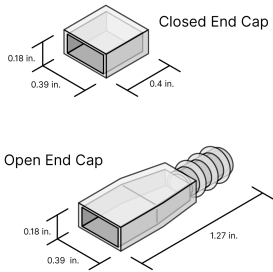
**CONNECTIONS**



**ACCESSORIES**

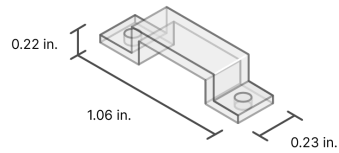
**DI-WL-EC**

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



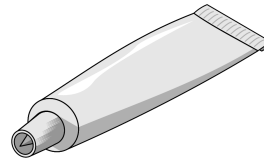
**DI-0754**

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.

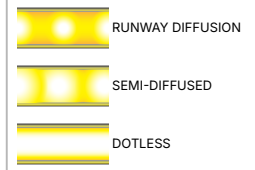
**RECOMMENDED CHANNELS**

For additional information visit:  
<https://arco.de/bfyla>



- S2
- S45
- A1
- 16MM
- 20MM ROUND
- 20MM SQUARE
- ROD

- MUD-IN 1 IN.
- MUD-IN SINGLE FLANGE
- MUD-IN 1 IN. WALL REVEAL
- MUD-IN 2 IN.
- RECESSED
- SCONCE



MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
<b>S2 Channel</b> DI-CHB-S2 (S2) 48", 96" Aluminum For 14mm Tape Lights or smaller		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	<ul style="list-style-type: none"> <li>• Soldered Lead Only</li> </ul>	Classic Frosted Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>• Beam Angle: 120°</li> <li>• IP Rating Shift: IP20</li> </ul> Classic Frosted Lens <ul style="list-style-type: none"> <li>• Light Loss: 20%</li> <li>• CCT Shift: -40K</li> </ul>	<p>S2 Clip: 0.63 x 0.84 in. (H x W)</p>
<b>S45 Channel</b> DI-CHB-S45 (S45) 48", 96" Aluminum For 14mm Tape Lights or smaller		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	<ul style="list-style-type: none"> <li>• Soldered Lead Only</li> </ul>	Classic Frosted Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>• Beam Angle: 120°</li> <li>• IP Rating Shift: IP20</li> </ul> Classic Frosted Lens <ul style="list-style-type: none"> <li>• Light Loss: 20%</li> <li>• CCT Shift: -40K</li> </ul>	<p>U-Clip: 0.79 x 0.79 in. (H x W)</p>
<b>A1 Channel</b> DI-CHB-A1 (A1) 48", 90" Aluminum, White, Black For 14mm Tape Lights or smaller <a href="https://arco.de/bfWcO9">https://arco.de/bfWcO9</a>		48 in. channel & lens 2x surface mounting clips 1 retaining clip End caps: 1x open, 1x closed.  90 in. channel & lens 4x surface mounting clips 2x strain relief clip End caps: 2x open, 2x closed, 2x slotted  96 in. channel & lens 4x surface mounting clips End caps: 2x open, 2x closed, 2x slotted	<ul style="list-style-type: none"> <li>• Soldered Lead Only</li> </ul>	Architectural Frosted Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>• Beam Angle: 120°</li> <li>• IP Rating Shift: IP20</li> </ul> Architectural Frosted Lens <ul style="list-style-type: none"> <li>• Light Loss: 30%</li> <li>• CCT Shift: -35K</li> </ul>	<p>U-Clip: 0.82 x 0.88 in. (H x W)</p>
<b>16MM Channel</b> DI-CPCHB-16MM (16) 48", 96" Aluminum For 14mm Tape Lights or smaller		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.	<ul style="list-style-type: none"> <li>• Soldered Lead Only</li> </ul>	Architectural Frosted Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>• Beam Angle: 120°</li> <li>• IP Rating Shift: IP20</li> </ul> Architectural Frosted Lens <ul style="list-style-type: none"> <li>• Light Loss: 30%</li> <li>• CCT Shift: -35K</li> </ul>	<p>Mounting Clip: 0.89 x 0.77 in. (H x W)</p>
<b>20MM ROUND Channel</b> DI-CPCHB-RC20 (RC20) 48", 96" Aluminum		48 in. channel & lens 2x surface mounting clips End caps: 1x open, 1x closed.  96 in. channel & lens 4x surface mounting clips End caps: 2x open, 2x closed.	<ul style="list-style-type: none"> <li>• Soldered Lead Only</li> </ul>	Classic Frosted Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>• Beam Angle: 180°</li> <li>• IP Rating Shift: IP20</li> </ul> Classic Frosted Lens <ul style="list-style-type: none"> <li>• Light Loss: 20%</li> <li>• CCT Shift: -40K</li> </ul>	<p>U-Clip: 1.19 x 1.19 in. (H x W)</p>

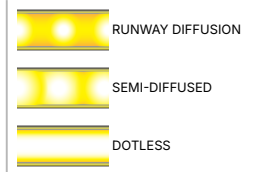
**RECOMMENDED CHANNELS**

For additional information visit:  
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- S2
- S45
- A1
- 16MM
- 20MM ROUND
- 20MM SQUARE
- ROD

- MUD-IN 1 IN.
- MUD-IN SINGLE FLANGE
- MUD-IN 1 IN. WALL REVEAL
- MUD-IN 2 IN.
- RECESSED
- SCONCE



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	<p>Height (H): 1.18 in. Width (W): 1.18 in. Interior Depth (ID): 0.84 in. Interior Width (IW): 0.84 in.</p>	48 in. channel & lens 2x surface mounting clips End caps: 1x open, 1x closed.  96 in. channel & lens 4x surface mounting clips End caps: 2x open, 2x closed.	<ul style="list-style-type: none"> <li>• Soldered Lead Only</li> </ul>	Classic Frosted Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>• Beam Angle: 180°</li> <li>• IP Rating Shift: IP20</li> </ul> Classic Frosted Lens <ul style="list-style-type: none"> <li>• Light Loss: 20%</li> <li>• CCT Shift: -40K</li> </ul>	<p>U-Clip: 1.19 x 1.19 in. (H x W)</p>
<b>ROD Channel</b> DI-CPCHB-RDCL (ROD) 48", 96" Aluminum For 12mm Tape Lights or smaller	<p>Height (H): 0.95 in. Width (W): 0.95 in. Interior Depth (ID): 0.5 in. Interior Width (IW): 0.48 in. Cut Out (CO): 0.72 in.</p>	78.74 in. channel & frosted lens 1x open end-cap, 1x closed end-cap 4x 180° swivel brackets 2x Closet Mounting Brackets 2x Support Brackets	<ul style="list-style-type: none"> <li>• Soldered Lead Only</li> </ul>	Classic Frosted Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>• Beam Angle: 180°</li> <li>• IP Rating Shift: IP20</li> </ul> Classic Frosted Lens <ul style="list-style-type: none"> <li>• Light Loss: 20%</li> <li>• CCT Shift: -40K</li> </ul>	<p>Rotating Mount: 2.33 x 0.95 in. (H x W)</p> <p>Closet Mount: 1.28 x 3.25 in. (H x W)</p> <p>Art Lighting Arm: 2.72 x 10.15 in. (H x W)</p> <p>Wall Arm: 4.5 x 2.15 in. (H x W)</p>
<b>MUD-IN 1 IN. Channel</b> DI-CPCHB-MUD1 (M1) 48", 96" Aluminum For 14mm Tape Lights or smaller <a href="https://arco.de/bfWcPY">https://arco.de/bfWcPY</a>	<p>Height (H): 0.54 in. Width (W): 2.42 in. Interior Depth (ID): 0.44 in. Interior Width (IW): 0.81 in. Recessed Wing (RW): 1.19 in.</p>	96 in. channel & opal lens 2x end-to-end connectors End caps: 2x open, 2x closed.  96 in. channel & lens End caps: 2x open, 2x closed	<ul style="list-style-type: none"> <li>• Soldered Lead Only</li> </ul>	Opal Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>• Beam Angle: 120°</li> <li>• IP Rating Shift: IP20</li> </ul> Classic Frosted Lens <ul style="list-style-type: none"> <li>• Light Loss: 20%</li> <li>• CCT Shift: -40K</li> </ul> Opal Lens <ul style="list-style-type: none"> <li>• Light Loss: 55%</li> <li>• CCT Shift: -200K</li> </ul>	<p>Recessed Mount: 0.54 x 2.42 in. (H x W)</p>
<b>MUD-IN SINGLE FLANGE Channel</b> DI-CPCHB-MUD1-SF (MUD1-SF) 96" Aluminum For 14mm Tape Lights or smaller <a href="https://arco.de/bfmc4y">https://arco.de/bfmc4y</a>	<p>Height (H): 0.57 in. Width (W): 1.47 in. Interior Depth (ID): 0.46 in. Interior Width (IW): 0.57 in. Recessed Wing (RW): 0.84 in.</p>	96 in. channel & lens End caps: 2x open, 2x closed	<ul style="list-style-type: none"> <li>• Soldered Lead Only</li> </ul>	Classic Frosted Lens	<ul style="list-style-type: none"> <li>• Beam Angle: 120°</li> <li>• IP Rating Shift: IP20</li> </ul> Classic Frosted Lens <ul style="list-style-type: none"> <li>• Light Loss: 20%</li> <li>• CCT Shift: -40K</li> </ul>	<p>Recessed Mount: 0.57 x 1.47 in. (H x W)</p>
<b>MUD-IN 1 IN. WALL REVEAL Channel</b> DI-CPCHB-MUD1-WREV (MUD1-WREV) 96" Aluminum <a href="https://arco.de/bfmc52">https://arco.de/bfmc52</a>	<p>Height (H): 1.37 in. Width (W): 1.93 in. Interior Depth (ID): 0.51 in. Interior Width (IW): 0.79 in. Recessed Wing (RW): 1.16 in.</p>	96 in. channel & lens End caps: 2x open, 2x closed	<ul style="list-style-type: none"> <li>• Soldered Lead Only</li> </ul>	Classic Frosted Lens	<ul style="list-style-type: none"> <li>• Beam Angle: 120°</li> <li>• IP Rating Shift: IP20</li> </ul> Classic Frosted Lens <ul style="list-style-type: none"> <li>• Light Loss: 20%</li> <li>• CCT Shift: -40K</li> </ul>	<p>Recessed Mount: 1.37 x 1.93 in. (H x W)</p>

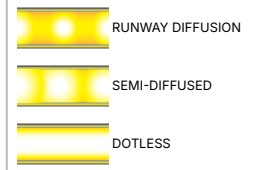
**RECOMMENDED CHANNELS**

For additional information visit:  
<https://arco.de/bfy1au>



- S2
- S45
- A1
- 16MM
- 20MM ROUND
- 20MM SQUARE
- ROD

- MUD-IN 1 IN.
- MUD-IN SINGLE FLANGE
- MUD-IN 1 IN. WALL REVEAL
- MUD-IN 2 IN.
- RECESSED
- SCONCE



MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
<b>MUD-IN 2 IN. Channel</b> DI-CPCHB-MUD2 (MI2) 48", 96" Aluminum For 14mm Tape Lights or smaller	Height (H): 0.8 in. Width (W): 3.86 in. Interior Depth (ID): 0.69 in. Interior Width (IW): 1.84 in. Recessed Wing (RW): 1.97 in. 	96 in. channel & opal lens 2x surface mounting clips End caps: 2x open, 2x closed.	<ul style="list-style-type: none"> <li>• Soldered Lead Only</li> </ul>	Opal Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>• Beam Angle: 120°</li> <li>• IP Rating Shift: IP20</li> </ul> Opal Lens <ul style="list-style-type: none"> <li>• Light Loss: 55%</li> <li>• CCT Shift: -200K</li> </ul>	 Recessed Mount: 0.8 x 3.86 in. (H x W)
<b>RECESSED Channel</b> DI-CPCHB-REC (REC) 48", 96" Aluminum For 14mm Tape Lights or smaller <a href="https://arco.de/bfWcPS">https://arco.de/bfWcPS</a>	Height (H): 0.49 in. Width (W): 1.03 in. Interior Depth (ID): 0.42 in. Interior Width (IW): 0.59 in. Recessed Wing (RW): 0.74 in. Mounting Canal (MC): 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.	<ul style="list-style-type: none"> <li>• Soldered Lead Only</li> </ul>	Classic Frosted Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>• Beam Angle: 120°</li> <li>• IP Rating Shift: IP20</li> </ul> Classic Frosted Lens <ul style="list-style-type: none"> <li>• Light Loss: 20%</li> <li>• CCT Shift: -40K</li> </ul>	 Recessed Mount: 0.49 x 1.03 in. (H x W) Mounting Clip: 0.49 x 1.03 in. (H x W)
<b>SCONCE Channel</b> DI-CPCHB-SCNC (SCNC) 48", 96" Aluminum For 14mm Tape Lights or smaller	Height (H): 1.1 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.	<ul style="list-style-type: none"> <li>• Soldered Lead Only</li> </ul>	Classic Frosted Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>• Beam Angle: 120°</li> <li>• IP Rating Shift: IP20</li> </ul> Classic Frosted Lens <ul style="list-style-type: none"> <li>• Light Loss: 20%</li> <li>• CCT Shift: -40K</li> </ul>	 3M Adhesive: 1.2 x 1.21 in. (H x W)

**RECOMMENDED POWER SUPPLIES**

For additional Power Supply information, refer to individual Specification Sheet data at diodeled.com.

- OMNIDRIVE X
- VLM
- 0-10V
- OMNIDRIVE
- SWITCHEX+ R1

**OMNIDRIVE® X DIMMABLE DRIVER**

Versatile driver for most high-performance dimming on ELV, TRIAC, and 0-10V systems.



For additional information visit:  
<https://lucettaci.com/products/obd-flex-optics>

SKU	GENERAL SPECS	INPUT VOLTAGE / FREQUENCY	OUTPUT VOLTAGE & MAXIMUM LOAD	MINIMUM LOAD
DI-ODX-24V120W-J	Dimmable 8.66 x 3.7 x 1.57 in.	120-277VAC, 50/60Hz	24V / 120W	None
DI-ODX-24V200W-J	Dimmable 10.24 x 4.13 x 1.77 in.	120-277VAC, 50/60Hz	24V / 200W	None
DI-ODX-24V30W	Class 2, Dimmable 6.1 x 2.1 x 0.8 in.	120-277VAC, 50/60Hz	24V / 30W	None
DI-ODX-24V30W-J	Class 2, Dimmable 6.5 x 3.7 x 1.57 in.	120-277VAC, 50/60Hz	24V / 30W	None
DI-ODX-24V60W	Class 2, Dimmable 7 x 2.4 x 1 in.	120-277VAC, 50/60Hz	24V / 60W	None
DI-ODX-24V60W-J	Class 2, Dimmable 7.4 x 3.7 x 1.57 in.	120-277VAC, 50/60Hz	24V / 60W	None
DI-ODX-24V96W	Class 2, Dimmable 9 x 2.7 x 1.7 in.	120-277VAC, 50/60Hz	24V / 96W	None
DI-ODX-24V96W-J	Class 2, Dimmable 8.66 x 3.7 x 1.57 in.	120-277VAC, 50/60Hz	24V / 96W	None
DI-AWNAUX-ODX-24V96W-LPS3R	Class 2, Dimmable 10.79 x 7.34 x 2.36 in.	120-277V	24V / 96W	None
DI-AWNAUX-ODX-24V60W-LPS3R	Class 2, Dimmable 10.79 x 7.34 x 2.36 in.	120-277V	24V / 60W	None
DI-AWNAUX-ODX-24V30W-LPS3R	Class 2, Dimmable 10.79 x 7.34 x 2.36 in.	120-277V	24V / 30W	None
DI-AWN-ODX-24V96W-J	Class 2, Dimmable 8.66 x 3.7 x 1.57 in.	120-277V	24V / 96W	None
DI-AWN-ODX-24V60W-J	Class 2, Dimmable 7.4 x 3.7 x 1.57 in.	120-277V	24V / 60W	None
DI-AWN-ODX-24V30W-J	Class 2, Dimmable 6.5 x 3.7 x 1.57 in.	120-277V	24V / 30W	None

**VLM SERIES CONSTANT VOLTAGE DRIVER**

Compact driver for on/off, PWM dimming, and color-changing applications.

SKU	GENERAL SPECS	INPUT VOLTAGE / FREQUENCY	OUTPUT VOLTAGE & MAXIMUM LOAD	MINIMUM LOAD
VLM100W-24	Class 2 5.38 x 1 x 0.77 in.	120 / 277VAC 47 - 63Hz	24V / 96W	None
VLM100W-24-LPM	Class 2 8.19 x 2.94 x 1.31 in.	120 / 277VAC 47 - 63Hz	24V / 96W	None
VLM100W-24-LPS	Class 2 11.25 x 3.75 x 1.9 in.	120 / 277VAC 47 - 63Hz	24V / 96W	None
VLM100W-24-LPS3R	Class 2 10.79 x 7.34 x 2.36 in.	120 / 277VAC 47 - 63Hz	24V / 96W	None
VLM200W-24-LPL	Class 2 13.5 x 4.5 x 2.38 in.	120 / 277VAC 47 - 63Hz	24V / 100W (X2)	None
VLM60W-24	Class 2 5.1 x 0.75 x 0.77 in.	120 / 277VAC 47 - 63Hz	24V / 60W	None
VLM60W-24-LPM	Class 2 8.19 x 2.94 x 1.31 in.	120 / 277VAC 47 - 63Hz	24V / 60W	None
VLM60W-24-LPS	Class 2 11.25 x 3.75 x 1.9 in.	120 / 277VAC 47 - 63Hz	24V / 60W	None
VLM60W-24-LPS3R	Class 2 10.79 x 7.34 x 2.36 in.	120 / 277VAC 47 - 63Hz	24V / 60W	None

**0-10V DIMMABLE LED DRIVER**

Driver for cost-effective dimming on 0-10V control systems.

SKU	GENERAL SPECS	INPUT VOLTAGE / FREQUENCY	OUTPUT VOLTAGE & MAXIMUM LOAD	MINIMUM LOAD
DI-DM-MW24V60W-0-10V	Class 2 5.9 x 2.1 x 1.4 in.	120 ~ 277VAC 50/60Hz	24V / 60W	None
DI-DM-MW24V60W-0-10V-LPS	Class 2 11.25 x 3.75 x 1.9 in.	120 ~ 277VAC 50/60Hz	24V / 60W	None
DI-DM-MW24V60W-0-10V-LPS3R	Class 2 10.79 x 7.34 x 2.36 in.	120 ~ 277VAC 50/60Hz	24V / 60W	None
DI-DM-MW24V90W-0-10V	Class 2 6.8 x 2.5 x 1.5 in.	120 ~ 277VAC 50/60Hz	24V / 90W	None
DI-DM-MW24V90W-0-10V-LPL	Class 2 13.5 x 4.5 x 3.75 in.	120 ~ 277VAC 50/60Hz	24V / 90W	None
DI-DM-MW24V90W-0-10V-LPS3R	Class 2 10.79 x 7.34 x 2.36 in.	120 ~ 277VAC 50/60Hz	24V / 90W	None

**RECOMMENDED POWER SUPPLIES**

For additional Power Supply information, refer to individual Specification Sheet data at [dioded.com](http://dioded.com).

- OMNIDRIVE X
- VLM
- 0-10V
- OMNIDRIVE
- SWITCHEX+ R1

**OMNIDRIVE® ELECTRONIC DIMMABLE DRIVER**

Our classic electronic dimmable (ELV) driver. Superior dimming and wide compatibility with popular dimmers.

SKU	GENERAL SPECS	INPUT VOLTAGE / FREQUENCY	OUTPUT VOLTAGE & MAXIMUM LOAD	MINIMUM LOAD
DI-TD-24V-10W	Class 2, Dimmable 5.7 x 2.1 x 0.75 in.	90-135VAC at ~50/60Hz	24V / 10W	Load at least 60% labeled load
DI-TD-24V-10W-LPS	Class 2, Dimmable 11.25 x 3.75 x 1.9 in.	90-135VAC at ~50/60Hz	24V / 10W	Load at least 60% labeled load
DI-TD-24V-10W-LPS3R	Class 2, Dimmable 10.79 x 7.34 x 2.36 in.	90-135VAC at ~50/60Hz	24V / 10W	Load at least 60% labeled load
DI-TD-24V-120W	Dimmable x x in.	90-135VAC at ~50/60Hz	24V / 120W	Load at least 60% labeled load
DI-TD-24V-20W	Class 2, Dimmable 5.7 x 2.1 x 0.75 in.	90-135VAC at ~50/60Hz	24V / 20W	Load at least 60% labeled load
DI-TD-24V-20W-LPS	Class 2, Dimmable 11.25 x 3.75 x 1.9 in.	90-135VAC at ~50/60Hz	24V / 20W	Load at least 60% labeled load
DI-TD-24V-20W-LPS3R	Class 2, Dimmable 10.79 x 7.34 x 2.36 in.	90-135VAC at ~50/60Hz	24V / 20W	Load at least 60% labeled load
DI-TD-24V-30W	Class 2, Dimmable 7 x 2.3 x 1.35 in.	90-135VAC at ~50/60Hz	24V / 30W	Load at least 60% labeled load
DI-TD-24V-30W-LPS	Class 2, Dimmable 11.25 x 3.75 x 1.9 in.	90-135VAC at ~50/60Hz	24V / 30W	Load at least 60% labeled load
DI-TD-24V-30W-LPS3R	Class 2, Dimmable 10.79 x 7.34 x 2.36 in.	90-135VAC at ~50/60Hz	24V / 30W	Load at least 60% labeled load
DI-TD-24V-45W	Class 2, Dimmable 7 x 2.3 x 1.35 in.	90-135VAC at ~50/60Hz	24V / 45W	Load at least 60% labeled load
DI-TD-24V-45W-LPL	Class 2, Dimmable 13.5 x 4.5 x 2.38 in.	90-135VAC at ~50/60Hz	24V / 45W	Load at least 60% labeled load
DI-TD-24V-45W-LPS3R	Class 2, Dimmable 10.79 x 7.34 x 2.36 in.	90-135VAC at ~50/60Hz	24V / 45W	Load at least 60% labeled load
DI-TD-24V-60W	Class 2 7.9 x 2.7 x 1.8 in.	90 ~ 135VAC 50/60Hz	24V / 60W	Load at least 60% labeled load
DI-TD-24V-60W-LPL	Class 2 13.5 x 4.5 x 2.38 in.	90 ~ 135VAC 50/60Hz	24V / 60W	Load at least 60% labeled load
DI-TD-24V-60W-LPS3R	Class 2 10.79 x 7.34 x 2.36 in.	90 ~ 135VAC 50/60Hz	24V / 60W	Load at least 60% labeled load
DI-TD-24V-80W	Class 2 7.9 x 2.7 x 1.8 in.	90 ~ 135VAC 50/60Hz	24V / 80W	Load at least 60% labeled load
DI-TD-24V-80W-LPL	Class 2 13.5 x 4.5 x 2.38 in.	90 ~ 135VAC 50/60Hz	24V / 80W	Load at least 60% labeled load
DI-TD-24V-80W-LPS3R	Class 2 10.79 x 7.34 x 2.36 in.	90 ~ 135VAC 50/60Hz	24V / 80W	Load at least 60% labeled load
DI-TD-24V-96W	Class 2 7.9 x 2.7 x 1.8 in.	90 ~ 135VAC 50/60Hz	24V / 96W	Load at least 60% labeled load
DI-TD-24V-96W-LPL	Class 2 13.5 x 4.5 x 2.38 in.	90 ~ 135VAC 50/60Hz	24V / 96W	Load at least 60% labeled load
DI-TD-24V-96W-LPS3R	Class 2 10.79 x 7.34 x 2.36 in.	90 ~ 135VAC 50/60Hz	24V / 96W	Load at least 60% labeled load

**SWITCHEX® + R1 DRIVER & DIMMER SWITCH**

Revolutionize your low-voltage LED lighting setup with SWITCHEX®+ R1, a patented innovation that seamlessly merges a low-voltage power supply with a dimmer switch into one compact solution.

SKU	GENERAL SPECS	INPUT VOLTAGE / FREQUENCY	OUTPUT VOLTAGE & MAXIMUM LOAD	MINIMUM LOAD
DI-SXR1-24V60W	Class 2 1.75 x 2.125 x 4.125 in.	120VAC 50/60Hz	24V / 60W	Recommended: 5% Minimum
DI-SXR1-24V96W	Class 2 1.75 x 2.125 x 4.125 in.	120VAC 50/60Hz	24V / 96W	Recommended: 5% Minimum

**RECOMMENDED CONTROLLERS**

For additional Controller information, refer to individual Specification Sheet data at [diodeled.com](http://diodeled.com).

**CASAMBI® CONTROLLERS**

The CASAMBI controllers will remotely control your lighting through the app - downloadable for IOS & Android.

SKU	DESCRIPTION
<b>CBU-A2D</b>	CASAMBI A2D 2 Channel 0-10V/DALI Controller
<b>CBU-ASR</b>	CASAMBI ASR 0-10V Controller
<b>CBU-PWM4</b>	CASAMBI PWM4 Single Color Dimming Controller
<b>DI-CBU-PWM5-PRO</b>	Casambi CBU-PWM5-Pro RGB/W/WW Applications, 5 x PWM for constant voltage lights, 4 amps/CH max

**TOUCHDIAL™ CONTROL SYSTEMS**

The TOUCHDIAL™ zone control system controls single color dimming, tunable white, and color changing LED lighting via mobile device and additional TOUCHDIAL controls.

SKU	DESCRIPTION
<b>DI-RF-REC-CV-A</b>	TOUCHDIAL Color Control System - WiFi Receiver
<b>DI-RF-REC-CV-SC</b>	TOUCHDIAL Mini Receiver - Single Channel and Zone
<b>DI-RF-REM-DIM-1</b>	TOUCHDIAL Mini Remote - Single Zone
<b>DI-RF-REM-DIM-5</b>	TOUCHDIAL Remote Dimmer 5-Zone Dimmer Control
<b>DI-RF-REM-RGBW-1</b>	TOUCHDIAL Mini Remote RGB(W) - Single Zone
<b>DI-RF-REM-RGBW-4</b>	TOUCHDIAL Color Control System - RGB/RGBW 4-Zone Remote Controller
<b>DI-RF-REM-TW-4</b>	TOUCHDIAL Color Control System - Tunable White 4-Zone Remote Controller
<b>DI-RF-WMT-DIM</b>	TOUCHDIAL Wall Dimmer - Single Zone
<b>DI-RF-WMT-RGBW</b>	TOUCHDIAL RGB(W) Wall Control - Single Zone
<b>DI-RF-WPD-DIM-1</b>	TOUCHDIAL Paddle Dimmer - Single Zone
<b>DI-RF-WPD-DIM-2</b>	TOUCHDIAL Paddle Dimmer - Two Zone
<b>DI-WIFI-RF-TRMS</b>	TOUCHDIAL Color Control System - WiFi Hub
<b>DI-RF-REM-TW3-4</b>	TOUCHDIAL Color Control System, 3-Anchor Tunable White 4-Zone Remote Controller

**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**

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. 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.
7. 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.
8. Do not install in environment where LED chips are exposed to direct sunlight as damage to the phosphor will occur.
9. Do not install in environment where excessive heat may exist (ex. close proximity to fireplace, etc.) See Ambient Temperature ratings
10. 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.
11. Do not modify product beyond instructions or warranty will be void.
12. Tape light must be handled with care. Excessive handling, bending, and pressure may damage the product, voiding the warranty.
13. Actual color may vary from what is pictured on this sheet and other print materials due to the limitations of photographic processes.

**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.

- Lumen value measured in accordance to IES LM-79-08. 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.