

### STREAMLITE™ Wet Location 12V and 24V Diffused Linear Light

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

Date <https://www.diodeled.com/streamlite-3013.html>

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

#### OPTIONAL ORDERING CODES

Add Length, Assembly Preferences, and Finish

|    | Voltage | Model  | CCT           | Length              | Channels      |                       | Finish           | Mounting              |                           | Driver                       | Delivery                    |
|----|---------|--------|---------------|---------------------|---------------|-----------------------|------------------|-----------------------|---------------------------|------------------------------|-----------------------------|
| DI |         |        |               |                     |               |                       |                  |                       |                           |                              |                             |
|    | 12V     | STMLT  | 27<br>(2700K) | W016<br>(16.4 feet) | S2<br>(S2)    | 16<br>(16mm Square)   | AL<br>(Aluminum) | 3M<br>(3M Adhesive)   | VC<br>(Vertical Clip)     | ELV<br>(Electronic)          | Field Assembly              |
|    | 24V     | STMLT4 | 30<br>(3000K) |                     | S4S<br>(S4S)  | RC20<br>(20mm Round)  | BL<br>(Black)    | MC<br>(Mounting Clip) | HNG<br>(Hanging Hardware) | O/O<br>(On / Off)            | Factory + Field<br>(Hybrid) |
|    |         |        | 35<br>(3500K) |                     | SL<br>(Slim)  | SQ20<br>(20mm Square) | WH<br>(White)    | UC<br>(U-Clip)        | RC<br>(Rotating Clip)     | PoE<br>(Power over Ethernet) | Factory Assembly            |
|    |         |        | 40<br>(4000K) |                     | CA<br>(Canal) | SQ<br>(Square)        |                  |                       |                           |                              |                             |
|    |         |        |               |                     |               |                       |                  |                       |                           |                              |                             |

#### 24V STREAMLITE™ Wet Location - SPECIFICATION TABLE

| Models                | 12V-STMLT-W                      | 24V-STMLT-W  | 24V-STMLT4-W   |
|-----------------------|----------------------------------|--|--|
| <b>Voltage</b>        | <b>12VDC</b>                     | <b>24VDC</b>   | <b>24VDC</b>   |
| <b>Wattage</b>        | <b>3.3W/ft.</b>                  | <b>3.3W/ft.</b>                                      | <b>5W/ft.</b>  |
| Lumens                | 2700K<br>3000K<br>3500K<br>4000K | 288 Lm/ft.<br>292 Lm/ft.<br>285 Lm/ft.<br>323 Lm/ft. | 402 Lm/ft.<br>409 Lm/ft.<br>421 Lm/ft.<br>466 Lm/ft. |
| Cut Points            | 1.4 in.                          | 1.8 in.  | 1.8 in.  |
| Max Run (ft.)         | 16.4 ft.                         | 20 ft.   | 16.4 ft.   |
| Max Run (Class 2)     | 16.4 ft.                         | 20 ft.   | 16.4 ft.   |
| CRI                   | 90+                              | 90+  | 90+  |
| Dimensions            | 0.4 x 0.16 in. (W x H)           | 0.4 x 0.16 in. (W x H)                               | 0.4 x 0.16 in. (W x H)                               |
| TM-30 (LM-80)         | >50,000 hours                    | >50,000 hours  | >50,000 hours  |
| Environment           | Outdoor / Wet Location (IP65)    | Outdoor / Wet Location (IP65)                        | Outdoor / Wet Location (IP65)                        |
| Ambient Temperature   | -4 ~ 122°F (-20 ~ 50°C)          | -4 ~ 122°F (-20 ~ 50°C)                              | -4 ~ 122°F (-20 ~ 50°C)                              |
| Operating Temperature | -4 ~ 176°F (-20 ~ 80°C)          | -4 ~ 176°F (-20 ~ 80°C)                              | -4 ~ 176°F (-20 ~ 80°C)                              |
| LED Chips             | 176/ft.                          | 176/ft.  | 176/ft.  |
| Certification         | UL Listed 2108                   | UL Listed 2108                                       | UL Listed 2108                                       |
| Warranty              | 5 Year                           | 7 Year   | 7 Year   |

### STREAMLITE™ Wet Location 12V and 24V

#### Diffused Linear Light

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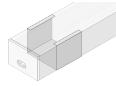
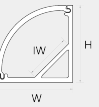

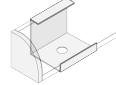
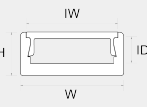

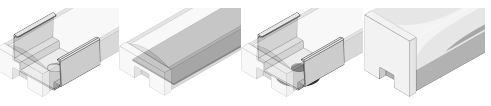



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### RECOMMENDED CHANNELS

| MODEL   | DIAGRAM   | INCLUDED ACCESSORIES   | CONNECTION OPTIONS  | IN CHANNEL DIFFUSION   | TECHNICAL RATINGS  | MOUNTING OPTIONS WITH DIMENSIONS   |
|---|---|--|---|--|--|--|
| <b>S2 Channel</b><br>DI-CHB-S2<br><br>(S2)<br>48", 96"<br>Aluminum<br>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<br><br>96 in. Channel & Frosted Lens, 2 open end cap, 2 closed end cap, 4 mounting clips, 4 mounting screws   | <br>12mm Wet Location Tape Light: Soldered Lead Only   | Classic Frosted Lens<br>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>  | <br>U-Clip:<br>0.58 × 0.75 in. (H x W)  |
| <b>S45 Channel</b><br>DI-CHB-S45<br><br>(S45)<br>48", 96"<br>Aluminum<br>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<br><br>96 in. Channel & Frosted Lens, 2 open end cap, 2 closed end cap, 4 mounting clips, 4 mounting screws   | <br>12mm Wet Location Tape Light: Soldered Lead Only   | Classic Frosted Lens<br>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>  | <br>U-Clip:<br>0.79 × 0.79 in. (H x W)  |
| <b>Slim Channel</b><br>DI-CPCHB-SL<br><br>(SL)<br>48", 96"<br>Aluminum, White, Black<br>For 14mm Tape Lights or smaller   |  | 48" Aluminum, Black, & White Channels<br>• 48 in. channel & lens<br>• 2x surface mounting clips<br>• End caps: 1x open, 1x closed<br><br>96" Aluminum, Black, & White Channels<br>• 96 in. channel & lens<br>• 4x surface mounting clips<br>• end caps: 2x open, 2x closed             | <br>12mm Wet Location Tape Light: Soldered Lead Only | Architectural Frosted Lens<br>STMLT, STMLT4: Dotless<br><br>Premium Diffusion Lens<br>STMLT, STMLT4: Dotless<br><br>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: 20%</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> | <br>Slim Mount: 0.54 × 0.87 in. (H x W)    3M Adhesive: 0.48 × 0.82 in. (H x W)    Magnetic U-Clip: 0.59 × 0.82 in. (H x W)    Premium Diffusion: 0.98 × 0.82 in. (H x W) |
| <b>Canal Channel</b><br>DI-CPCHB-CAN<br><br>(CA)<br>48", 96"<br>Aluminum, White, Black<br>For 14mm Tape Lights or smaller |  | 48" Aluminum, Black, & White Channels<br>• 48 in. channel & opal lens<br>• 2x surface mounting clips<br>• End caps: 1x open, 1x closed.<br><br>96" Aluminum, Black, & White Channels<br>• 96 in. channel & opal lens<br>• 4x surface mounting clips<br>• End caps: 2x open, 2x closed. | <br>12mm Wet Location Tape Light: Soldered Lead Only | Opal Lens<br>STMLT, STMLT4: Dotless  | <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>  | <br>U-Clip:<br>0.6 × 0.7 in. (H x W)  |

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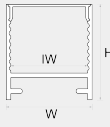

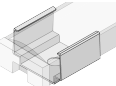


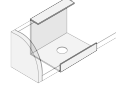


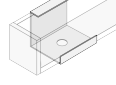


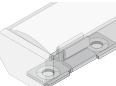

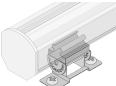
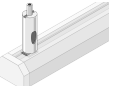

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Project Notes \_\_\_\_\_



### RECOMMENDED CHANNELS

| MODEL   | DIAGRAM  | INCLUDED ACCESSORIES   | CONNECTION OPTIONS   | IN CHANNEL DIFFUSION   | TECHNICAL RATINGS  | MOUNTING OPTIONS WITH DIMENSIONS  |
|---|--|--|--|--|--|---|
| <b>16mm Square Channel</b><br>DI-CPCHB-16MM<br><br>(16)<br>48", 96"<br>Aluminum<br>For 14mm Tape Lights or smaller        | Height (H): 0.89 in.<br>Width (W): 0.77 in.<br>Interior Width (IW): 0.63 in.<br><br>                                    | 48 in. channel & Architectural Frosted Lens<br>2x surface mounting clips<br>End caps: 1x open, 1x closed.<br><br>96 in. channel & Architectural Frosted Lens<br>4x surface mounting clips<br>End caps: 2x open, 2x closed.   | <br>12mm Wet Location Tape Light:<br>Soldered Lead Only   | Architectural Frosted Lens<br>STMLT, STMLT4: Dotless   | <ul style="list-style-type: none"> <li>• Beam Angle: 120°</li> <li>• Architectural Frosted Lens</li> <li>• Light Loss: 20%</li> <li>• CCT Shift: -35K</li> <li>• Black Lens</li> <li>• Light Loss: 90%</li> <li>• CCT Shift: -350K</li> <li>• IP Rating Shift: IP40</li> </ul>   | <br>Mounting Clip:<br>0.89 x 0.77 in. (H x W)  |
| <b>20mm Round Channel</b><br>DI-CPCHB-RC20<br><br>(RC20)<br>48", 96"<br>Aluminum<br>For 14mm Tape Lights or smaller       | Height (H): 1.18 in.<br>Width (W): 1.18 in.<br>Interior Width (IW): 0.84 in.<br><br>                                   | 48 in. channel & frosted lens<br>2x surface mounting clips<br>End caps: 1x open, 1x closed.<br><br>96 in. channel & frosted lens<br>4x surface mounting clips<br>End caps: 2x open, 2x closed.   | <br>12mm Wet Location Tape Light:<br>Soldered Lead Only   | Classic Frosted Lens<br>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> <li>• IP Rating Shift: IP40</li> </ul>  | <br>U-Clip:<br>1.19 x 1.19 in. (H x W)   |
| <b>20mm Square Channel</b><br>DI-CPCHB-SQC20<br><br>(SQ20)<br>48", 96"<br>Aluminum<br>For 14mm Tape Lights or smaller     | Height (H): 1.18 in.<br>Width (W): 1.18 in.<br>Interior Width (IW): 0.84 in.<br><br>                                  | 48 in. channel & frosted lens<br>2x surface mounting clips<br>End caps: 1x open, 1x closed.<br><br>96 in. channel & frosted lens<br>4x surface mounting clips<br>End caps: 2x open, 2x closed.   | <br>12mm Wet Location Tape Light:<br>Soldered Lead Only | Classic Frosted Lens<br>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> <li>• IP Rating Shift: IP40</li> </ul>  | <br>U-Clip:<br>1.19 x 1.19 in. (H x W)   |
| <b>Square Channel</b><br>DI-CPCHB-SQ<br><br>(SQ)<br>48", 96"<br>Aluminum, White, Black<br>For 14mm Tape Lights or smaller | Height (H): 0.55 in.<br>Width (W): 0.82 in.<br>Interior Depth (ID): 0.27 in.<br>Interior Width (IW): 0.67 in.<br><br> | 48" Aluminum Channel<br>• 48 in. channel & frosted cover<br>• Mounting hardware<br>• End caps: 1x open, 1x closed.<br><br>48" Black & White Channels<br>• 48 in. channel & clear, or frosted lens<br>• 4x surface mounted clips<br>• 2x End-to-end interconnects<br><br>96" Aluminum Channel<br>• 96 in. channel & frosted cover<br>• Mounting hardware<br>• End caps: 2x open, 2x closed.<br><br>96" Black & White Channels<br>• 96 in. channel & clear, or frosted lens<br>• 4x surface mounted clips<br>• 2x End-to-end interconnects | <br>12mm Wet Location Tape Light:<br>Soldered Lead Only | Architectural Frosted Lens<br>STMLT, STMLT4: Dotless<br><br>Premium Diffusion Lens<br>STMLT, STMLT4: Dotless<br><br>For diffusion options not listed, refer to Square 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: 20%</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> | <br>Chromapath Surface Mount:<br>0.61 x 0.82 in. (H x W)<br><br><br>Vertical Mount:<br>0.61 x 0.82 in. (H x W)<br><br><br>Rotating Mount:<br>1.29 x 0.82 in. (H x W)<br><br><br>Hanging Mount:<br>1.51 x 0.82 in. (H x W)<br><br><br>Premium Diffusion:<br>1.13 x 0.82 in. (H x W) |

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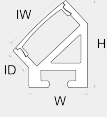


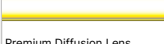
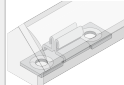

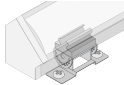
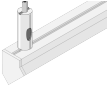

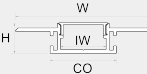

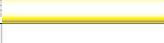
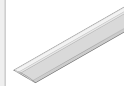




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### RECOMMENDED CHANNELS

| MODEL  | DIAGRAM   | INCLUDED ACCESSORIES  | CONNECTION OPTIONS  | IN CHANNEL DIFFUSION  | TECHNICAL RATINGS  | MOUNTING OPTIONS WITH DIMENSIONS   |
|--|---|---|---|---|--|--|
| <b>45° Channel</b><br>DI-CPCHB-45<br><br>(45)<br>48", 96"<br>Aluminum, White, Black<br>For 14mm Tape Lights or smaller |    | 48" Aluminum, Black, & White Channels<br>• 48 in. channel & clear, or frosted lens<br>• 4x surface mounted clips<br>• 2x End-to-end interconnects<br><br>96" Aluminum Channel<br>• 96 in. channel & clear, or frosted lens<br>• 8x surface mounted clips<br>• 4x End-to-end interconnects<br><br>96" Black & White Channels<br>• 96 in. channel & clear, or frosted lens<br>• 4x surface mounted clips<br>• 2x End-to-end interconnects | <br><br>12mm Wet Location Tape Light: Soldered Lead Only   | <br><br>Architectural Frosted Lens<br>STMLT, STMLT4: Dotless<br><br><br><br>Premium Diffusion Lens<br>STMLT, STMLT4: Dotless<br><br>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: 20%</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> | <br>Chromapath Surface Mount:<br>1 × 0.67 in. (H x W)<br><br><br>Vertical Mount:<br>1 × 0.67 in. (H x W)<br><br><br>Rotating Mount:<br>1.68 × 0.67 in. (H x W)<br><br><br>Hanging Mount:<br>1.9 × 0.67 in. (H x W)<br><br><br>Premium Diffusion:<br>1.52 × 0.67 in. (H x W) |
| <b>1-inch Mud-In Channel</b><br>DI-CPCHB-MUD1<br><br>(MI1)<br>48", 96"<br>Aluminum<br>For 14mm Tape Lights or smaller  |    | 96 in. channel & opal lens<br>2x surface mounting clips<br>End caps: 2x open, 2x closed.  | <br><br>12mm Wet Location Tape Light: Soldered Lead Only   | <br><br>Opal Lens<br>STMLT, STMLT4: Dotless  | <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>  | <br><br>Recessed Mount:<br>0.54 × 2.42 in. (H x W)  |
| <b>2-inch Mud-In Channel</b><br>DI-CPCHB-MUD2<br><br>(MI2)<br>48", 96"<br>Aluminum<br>For 14mm Tape Lights or smaller  |  | 96 in. channel & opal lens<br>2x surface mounting clips<br>End caps: 2x open, 2x closed.  | <br><br>12mm Wet Location Tape Light: Soldered Lead Only | <br><br>Opal Lens<br>STMLT, STMLT4: Dotless  | <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>  | <br><br>Recessed Mount:<br>0.8 × 3.86 in. (H x W)   |

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Diffused Linear Light

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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><br>Versatile driver for most high-performance dimming on ELV, TRIAC, and 0-10V systems.  |                           |                |              |                                |         |  |           |          |          |
| OMNIDRIVE® X Dimmable Driver Specification Sheet<br><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>  |                           |                |              |                                |         |  |           |          |          |
| Contains<br>• Additional Models • Additional Features • Derating Curves • System Diagrams  |                           |                |              |                                |         |  |           |          |          |
| 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><br>Our classic electronic dimmable (ELV) driver. Superior dimming and wide compatibility with popular dimmers.  |                           |                |              |                                |         |  |           |          |          |
| OMNIDRIVE® Electronic Dimmable Driver Specification Sheet<br><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> |                           |                |              |                                |         |  |           |          |          |
| Contains<br>• Additional Models • Additional Features • Derating Curves • System Diagrams  |                           |                |              |                                |         |  |           |          |          |
| 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<br>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<br>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><br>Compact driver for on/off, PWM dimming, and color-changing applications.  |                           |                |              |                                |         |  |           |          |          |
| VLM Series Constant Voltage Driver Specification Sheet<br><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>                          |                           |                |              |                                |         |  |           |          |          |
| Contains<br>• Additional Models • Additional Features • Derating Curves • System Diagrams  |                           |                |              |                                |         |  |           |          |          |
| VLM60W-24-LPS3R  | 120 / 277VAC<br>47 ~ 63Hz | 24V            | 60W          | No Minimum Load                | Yes     | PWM                                    | 10.79 in. | 7.34 in. | 2.36 in. |
| VLM60W-24-LPM  | 120 / 277VAC<br>47 ~ 63Hz | 24V            | 60W          | No Minimum Load                | Yes     | PWM                                    | 8.19 in.  | 2.94 in. | 1.31 in. |
| <b>PoE (Power over Ethernet)</b><br>Constant voltage platform, ready for Power over Ethernet (inquire)   |                           |                |              |                                |         |  |           |          |          |

## RECOMMENDED CONTROLLERS

| SKU  | DESCRIPTION                                  |
|--|--|
| <b>CASAMBI® Controllers</b><br>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                 |
| CBU-TED  | CASAMBI TED AC High Voltage Controller       |
| <b>SWITCHEX® Driver and Dimmer Switch</b><br>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      |



### STREAMLITE™ Wet Location 12V and 24V Diffused Linear Light

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

Date

<https://www.diodeled.com/streamlite-3013.html>

Project Notes



### RECOMMENDED 12V DRIVERS

| SKU   | INPUT VOLTAGE / FREQUENCY | OUTPUT VOLTAGE | MAXIMUM LOAD | MINIMUM LOAD                   | CLASS 2 | DIMMABLE | LENGTH    | WIDTH    | HEIGHT   |
|---|---------------------------|----------------|--------------|--------------------------------|---------|----------|-----------|----------|----------|
| <b>OMNIDRIVE® X Dimmable Driver</b><br>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>   |                           |                |              |                                |         |          |           |          |          |
| Contains<br>• Additional Models • Additional Features • Derating Curves • System Diagrams   |                           |                |              |                                |         |          |           |          |          |
| DI-ODX-12V30W-J   | 120-277V                  | 12V            | 30W          | No minimum load                | Yes     | Yes      | 6.5 in.   | 3.7 in.  | 1.57 in. |
| DI-ODX-12V60W-J   | 120-277V                  | 12V            | 60W          | No minimum load                | Yes     | Yes      | 7.4 in.   | 3.7 in.  | 1.57 in. |
| DI-ODX-12V100W-J  | 120-277V                  | 12V            | 100W         | No minimum load                | No      | Yes      | 8.66 in.  | 3.7 in.  | 1.57 in. |
| DI-ODX-12V120W-J  | 120-277V                  | 12V            | 120W         | No minimum load                | No      | Yes      | 8.66 in.  | 3.7 in.  | 1.57 in. |
| <b>OMNIDRIVE® Electronic Dimmable Driver</b><br>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> |                           |                |              |                                |         |          |           |          |          |
| Contains<br>• Additional Models • Additional Features • Derating Curves • System Diagrams   |                           |                |              |                                |         |          |           |          |          |
| DI-TD-12V-30W-LPS3R   | 90~135VAC at ~50/60Hz     | 12V            | 30W          | Load at least 60% labeled load | Yes     | Yes      | 10.79 in. | 7.34 in. | 2.36 in. |
| DI-TD-12V-45W-LPS3R   | 90~135VAC at ~50/60Hz     | 12V            | 45W          | Load at least 60% labeled load | Yes     | Yes      | 10.79 in. | 7.34 in. | 2.36 in. |
| DI-TD-12V-60W-LPS3R   | 90~135VAC at ~50/60Hz     | 12V            | 60W          | Load at least 60% labeled load | Yes     | Yes      | 10.79 in. | 7.34 in. | 2.36 in. |
| <b>VLM Series Constant Voltage Driver</b><br>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>                       |                           |                |              |                                |         |          |           |          |          |
| Contains<br>• Additional Models • Additional Features • Derating Curves • System Diagrams   |                           |                |              |                                |         |          |           |          |          |
| VLM60W-12-LPS3R   | 120 / 277VAC<br>47 - 63Hz | 12V            | 60W          | No Minimum Load                | Yes     | PWM      | 10.79 in. | 7.34 in. | 2.36 in. |
| VLM60W-12-LPM   | 120 / 277VAC<br>47 - 63Hz | 12V            | 60W          | No Minimum Load                | Yes     | PWM      | 8.19 in.  | 2.94 in. | 1.31 in. |
| <b>PoE (Power over Ethernet)</b><br>Constant voltage platform, ready for Power over Ethernet (inquire)  |                           |                |              |                                |         |          |           |          |          |

### RECOMMENDED CONTROLLERS

| SKU  | DESCRIPTION                                  |
|--|--|
| <b>CASAMBI® Controllers</b><br>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                 |
| CBU-TED  | CASAMBI TED AC High Voltage Controller       |
| <b>SWITCHEX® Driver and Dimmer Switch</b><br>LED driver and dimmer switch combined in a single gang box.                                     |  |
| DI-12V-SE-40W  | SWITCHEX 12V Switch/Driver Combo - 40W       |
| DI-12V-SE-60W  | SWITCHEX 12V Switch/Driver Combo - 60W       |



## STREAMLITE™ Wet Location 12V and 24V Diffused Linear Light

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

Date <https://www.diodeled.com/streamlite-3013.html>

Project Notes



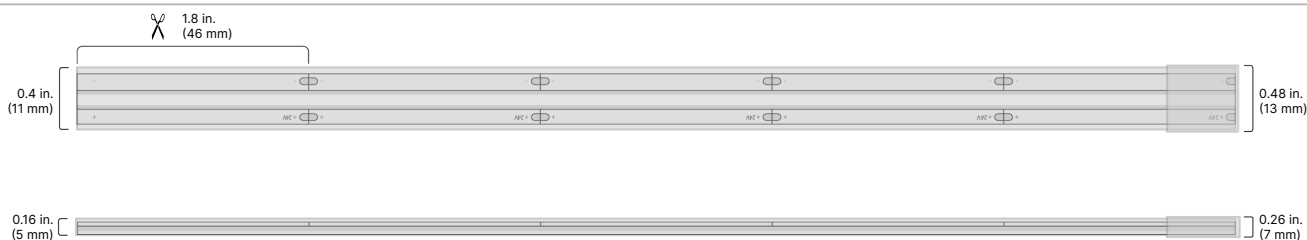
### MECHANICAL DIAGRAMS

#### 12V-STMLT-W

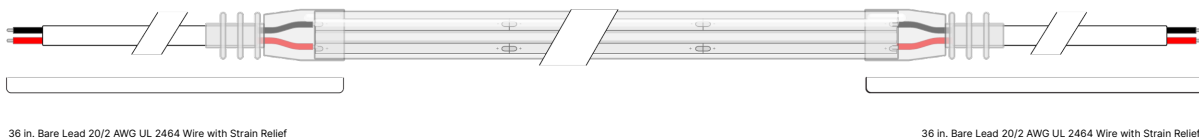


#### 24V-STMLT-W

#### 24V-STMLT4-W



### CONNECTIONS



### STREAMLITE™ Wet Location 12V and 24V Diffused Linear Light

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Date \_\_\_\_\_

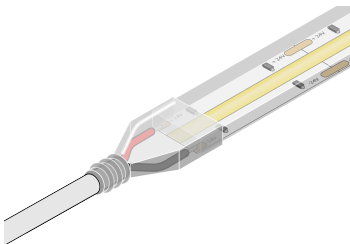
<https://www.diodeled.com/streamlite-3013.html>

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



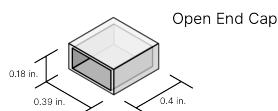
#### ACCESSORIES

##### Soldered Lead Only

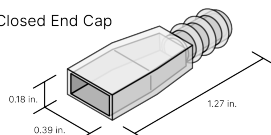


##### DI-WL-EC

8mm Wet Location Strip Light End Caps

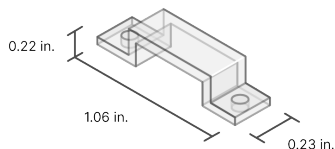


##### Closed End Cap



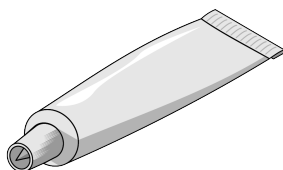
##### DI-0754

Wet Location Strip Light Mounting Clip



##### DI-WPSL

Wet Location 3M Sealant



#### DELIVERY OPTIONS

- **Field Assembly**  
Stock items for in-field assembly. Fastest order fulfillment.
- **Factory + Field (Hybrid)**  
Finished lengths of light with leads. CHANNELS either bulk or factory finished. Some field assembly required.
- **Factory Assembly**  
Fastest installation: fixtures fully assembled in the factory.

- 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 12V and 24V  
Diffused Linear Light

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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

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.
- 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

- 5 Year and 7 Year limited warranties

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.