VALENT® X Wet Location 24V
High Density LED Tape Light

Precision-engineered, high density tape light for wet locations (IP65), Up to 500+ lumens per foot with 95+ CRI / 90+ R9.

FEATURES
- Dense LED placement for uninterrupted linear light
- 500 lumen output
- 95+ CRI
- 1.32 inch cuttable increments
- Precision color rendering with 90+ R9 value
- Ultra high lumen output
- 12 Year limited warranty

OPTIONAL ORDERING CODES
Order spools, and components for field assembly
Add Assembly Preferences, Finish, Lens, Mounting, Driver, and Delivery

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Model</th>
<th>CCT</th>
<th>Length</th>
<th>Channels</th>
<th>Finish</th>
<th>Lens</th>
<th>Mounting</th>
<th>Driver</th>
<th>Delivery</th>
</tr>
</thead>
<tbody>
<tr>
<td>24V DC</td>
<td>VLX5</td>
<td>2700K</td>
<td>W100 (100 ft.)</td>
<td>A1 (40)</td>
<td>SL (5m)</td>
<td>IC20 (20mm Round)</td>
<td>BL (Black)</td>
<td><em>N/A</em> (Classic Frosted Lens)</td>
<td>3M (3M Adhesive)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3000K</td>
<td></td>
<td>S2 (52)</td>
<td>SQ (Square)</td>
<td>SQ20 (20mm Square)</td>
<td>BL (Black)</td>
<td><em>N/A</em> (Arch. Clear Lens)</td>
<td>MC (Mounting Clip)</td>
</tr>
<tr>
<td>24V DC</td>
<td>VLX5</td>
<td>3500K</td>
<td></td>
<td>CA (Canal)</td>
<td>16</td>
<td>M1 (1-inch Snap-in)</td>
<td>BL (Black)</td>
<td><em>N/A</em> (Arch. Frosted Lens)</td>
<td>LC (LJ-Clip)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4000K</td>
<td></td>
<td></td>
<td>16</td>
<td>M12 (2-inch Snap-in)</td>
<td>BL (Black)</td>
<td><em>N/A</em> (Arch. Frosted Lens)</td>
<td>VC (Vertical Clip)</td>
</tr>
</tbody>
</table>

*See page 2 for Channel / Lens / Mounting compatibility

VALENT® X Wet Location - SPECIFICATION TABLE

Models 24V-VLX5

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Wattage</th>
<th>4.6W/ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2400K</td>
<td>466 Lm/ft.</td>
<td></td>
</tr>
<tr>
<td>2700K</td>
<td>437 Lm/ft.</td>
<td></td>
</tr>
<tr>
<td>Lumen</td>
<td>469 Lm/ft.</td>
<td></td>
</tr>
<tr>
<td>Lumen</td>
<td>492 Lm/ft.</td>
<td></td>
</tr>
<tr>
<td>Lumen</td>
<td>480 Lm/ft.</td>
<td></td>
</tr>
<tr>
<td>Max Run (ft.)</td>
<td>30 ft.</td>
<td></td>
</tr>
<tr>
<td>CRI</td>
<td>95+</td>
<td></td>
</tr>
<tr>
<td>Dimensions</td>
<td>0.55 x 0.22 in. (W x H)</td>
<td></td>
</tr>
<tr>
<td>TM-21 LM-80</td>
<td>&gt;50,000 hours</td>
<td></td>
</tr>
<tr>
<td>Environment</td>
<td>Outdoor / Wet Location (IP65)</td>
<td></td>
</tr>
<tr>
<td>Lead Wire A</td>
<td>26 in. Bare Lead 2 AWG UL 2464 Wire with Strain Relief</td>
<td></td>
</tr>
<tr>
<td>Lead Wire B</td>
<td>26 in. Bare Lead 2 AWG UL 2464 Wire with Strain Relief</td>
<td></td>
</tr>
<tr>
<td>LED Chips</td>
<td>72/ft.</td>
<td></td>
</tr>
<tr>
<td>Chip Type</td>
<td>2835</td>
<td></td>
</tr>
<tr>
<td>Certification</td>
<td>UL Listed 2108</td>
<td></td>
</tr>
<tr>
<td>Warranty</td>
<td>12 Year</td>
<td></td>
</tr>
</tbody>
</table>
**VALENT® X Wet Location** 24V
High Density LED Tape Light
Precision-engineered, high density tape light for wet locations (IP65).
Up to 500+ lumens per foot with 95+ CRI / 90+ R9.

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### CHANNEL / LENS / MOUNTING COMPATIBILITY

<table>
<thead>
<tr>
<th>Channel</th>
<th>Compatible Lenses</th>
<th>Available Finishes</th>
<th>Mounting Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1 (1/2&quot;)</td>
<td>FRT</td>
<td>AL / WH / BL</td>
<td>UC</td>
</tr>
<tr>
<td>S2 (5/32&quot;)</td>
<td><em>blank</em></td>
<td>AL</td>
<td>UC</td>
</tr>
<tr>
<td>S45 (5/64&quot;)</td>
<td><em>blank</em></td>
<td>AL</td>
<td>UC</td>
</tr>
<tr>
<td>CA (Canal)</td>
<td>OPT</td>
<td>AL / WH / BL</td>
<td>UC</td>
</tr>
<tr>
<td>SL (5/32&quot;)</td>
<td><em>blank</em> / CLT / FRT / BL / PD</td>
<td>AL / WH / BL</td>
<td>MC / 3M / MAG</td>
</tr>
<tr>
<td>SQ (Square)</td>
<td><em>blank</em> / CLT / FRT / BL / PD</td>
<td>AL / WH / BL</td>
<td>MC / VC / RC / HNG</td>
</tr>
<tr>
<td>45 (45&quot;)</td>
<td><em>blank</em> / CLT / FRT / BL / PD</td>
<td>AL / WH / BL</td>
<td>MC / VC / RC / HNG</td>
</tr>
<tr>
<td>18 (16mm Square)</td>
<td>FRT</td>
<td>AL</td>
<td>MC</td>
</tr>
<tr>
<td>RC20 (20mm Round)</td>
<td><em>blank</em></td>
<td>AL</td>
<td>UC</td>
</tr>
<tr>
<td>SQ20 (20mm Square)</td>
<td><em>blank</em></td>
<td>AL</td>
<td>UC</td>
</tr>
<tr>
<td>MI1 (1-inch Mud-In)</td>
<td>OPT</td>
<td>AL</td>
<td></td>
</tr>
<tr>
<td>MI2 (2-inch Mud-In)</td>
<td>OPT</td>
<td>AL</td>
<td></td>
</tr>
</tbody>
</table>

### LEGEND

<table>
<thead>
<tr>
<th>Lens</th>
<th>Finish</th>
<th>Mounting</th>
</tr>
</thead>
<tbody>
<tr>
<td>BL</td>
<td>Black</td>
<td>3M</td>
</tr>
<tr>
<td>CLT</td>
<td>Architectural Clear Lens</td>
<td>Hanging Hardware</td>
</tr>
<tr>
<td>FRT</td>
<td>Architectural Frosted Lens</td>
<td>3M Adhesive</td>
</tr>
<tr>
<td>OPT</td>
<td>Opal Lens</td>
<td>Magnetic Clip</td>
</tr>
<tr>
<td>PD</td>
<td>Premium Diffusion Lens</td>
<td>Mounting Clip</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rotating Clip</td>
</tr>
<tr>
<td></td>
<td></td>
<td>U-Clip</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Vertical Clip</td>
</tr>
</tbody>
</table>
# RECOMMENDED CHANNELS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DIAGRAM</th>
<th>INCLUDED ACCESSORIES</th>
<th>CONNECTION OPTIONS</th>
<th>IN CHANNEL DIFFUSION</th>
<th>TECHNICAL RATINGS</th>
<th>MOUNTING OPTIONS WITH DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1 Channel</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Dr-ChB-A1    | ![Diagram](image1) | 48 in. Aluminum, Black, White Channels | • 48 in. channel & lens  
• 48 in. surface mounting clips  
• End caps: 2x open, 2x closed. | Architectural Frosted Lens VIL55/Dotless | Beam Angle: 100º  
Light Loss: 20%  
CCT Shift: 50K  
IP Rating Shift: IP40 | U-Clip: 0.82 x 0.88 in. (H x W) |
| S2 Channel   |         |                      |                    |                      |                   |                                  |
| Dr-ChB-S2    | ![Diagram](image2) | 48 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 VIL55/Dotless | Beam Angle: 100º  
Light Loss: 20%  
CCT Shift: 40K  
IP Rating Shift: IP40 | U-Clip: 0.78 x 0.75 in. (H x W) |
| S45 Channel  |         |                      |                    |                      |                   |                                  |
| Dr-ChB-S45   | ![Diagram](image3) | 48 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 VIL55/Dotless | Beam Angle: 100º  
Light Loss: 20%  
CCT Shift: 40K  
IP Rating Shift: IP40 | U-Clip: 0.76 x 0.75 in. (H x W) |
| Canal Channel|         |                      |                    |                      |                   |                                  |
| Dr-CHB-CAN   | ![Diagram](image4) | 48 in. Channel & Opal Lens, 2 open end cap, 2 closed end cap, 4 mounting clips, 4 mounting screws | 14mm Tape Light: Soldered Lead Only | Opal Lens VIL55/Dotless | Beam Angle: 100º  
Light Loss: 55%  
CCT Shift: 20K  
IP Rating Shift: IP40 | U-Clip: 0.82 x 0.88 in. (H x W) |
### RECOMMENDED CHANNELS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DIAGRAM</th>
<th>INCLUDED ACCESSORIES</th>
<th>CONNECTION OPTIONS</th>
<th>IN CHANNEL DIFFUSION</th>
<th>TECHNICAL RATINGS</th>
<th>MOUNTING OPTIONS WITH DIMENSIONS</th>
</tr>
</thead>
</table>
| **Slim Channel**
DI-CPCHB-SL
48”
Aluminum, White, Black
For 14mm Tape Lights or smaller
|   |  |  |  |  |  |
| **Square Channel**
DI-CPCHB-SQ
48”
Aluminum, White, Black
For 14mm Tape Lights or smaller
|   |  |  |  |  |  |
| **45° Channel**
DI-CPCHB-45
48”
Aluminum, White, Black
For 14mm Tape Lights or smaller
|   |  |  |  |  |  |
| **16mm Square Channel**
DI-CPCHB-16MM
48”
Aluminum, White
For 14mm Tape Lights or smaller
|   |  |  |  |  |  |
# VALENT® X Wet Location High Density LED Tape Light

**Specification Sheet**

**Precision-engineered, high density tape light for wet locations (IP65).**

Up to 500+ lumens per foot with 95+ CRI / 90+ R9.

---

## RECOMMENDED CHANNELS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DIAGRAM</th>
<th>INCLUDED ACCESSORIES</th>
<th>CONNECTION OPTIONS</th>
<th>IN CHANNEL DIFFUSION</th>
<th>TECHNICAL RATINGS</th>
<th>MOUNTING OPTIONS WITH DIMENSIONS</th>
</tr>
</thead>
</table>
| 20mm Round Channel  
DI-CPCHB-RC20  
(SQ)  
48", 96"  
Aluminum  
For 14mm Tape lights or smaller | ![Diagram of 20mm Round Channel](image)  
Height (H): 0.79 in.  
Width (W): 0.79 in.  
Interior Width (IM): 0.60 in.  
Cut Out Width (CD): 0.79 in. | 48 in. channel & frosted lens  
6 in. channel & frosted lens  
End cap: 2x open, 2x closed.  
End cap: 2x open, 2x closed. | 16mm Tape Light: Soldered Lead Only | Classic Frosted Lens  
VLX5: Dotless | Beam Angle: 160º  
Classic Frosted Lens  
Light Loss: 20%  
CCT Shift: 40K  
48", 96"  
Aluminum |
| 20mm Square Channel  
DI-CPCHB-SQC20  
(SQ)  
48", 96"  
Aluminum  
For 14mm Tape lights or smaller | ![Diagram of 20mm Round Channel](image)  
Height (H): 0.79 in.  
Width (W): 0.79 in.  
Interior Width (IM): 0.60 in.  
Cut Out Width (CD): 0.79 in. | 48 in. channel & frosted lens  
6 in. channel & frosted lens  
End cap: 2x open, 2x closed.  
End cap: 2x open, 2x closed. | 16mm Tape Light: Soldered Lead Only | Classic Frosted Lens  
VLX5: Dotless | Beam Angle: 160º  
Classic Frosted Lens  
Light Loss: 20%  
CCT Shift: 40K  
48", 96"  
Aluminum |
| 1-inch Mud-In Channel  
DI-CPCHB-MUD1  
(NM)  
48", 96"  
Aluminum  
For 14mm Tape lights or smaller | ![Diagram of 1-inch Mud-In Channel](image)  
Height (H): 0.56 in.  
Width (W): 2.62 in.  
Interior Width (IM): 0.83 in.  
Cut Out Width (CD): 1.59 in. | 55 in. channel & opal lens.  
2x surface mounting clips.  
End cap: 2x open, 2x closed.  
End cap: 2x open, 2x closed. | 16mm Tape Light: Soldered Lead Only | Opal Lens  
VLX5: Dotless | Beam Angle: 120º  
Opal Lens  
Light Loss: 55%  
CCT Shift: 200K  
IP Rating Shift: IP40 | Recessed Mount: 0.54 x 2.62 in.  
48", 96"  
Aluminum |
| 2-inch Mud-In Channel  
DI-CPCHB-MUD2  
(NM)  
48", 96"  
Aluminum  
For 14mm Tape lights or smaller | ![Diagram of 2-inch Mud-In Channel](image)  
Height (H): 0.56 in.  
Width (W): 3.86 in.  
Interior Width (IM): 1.84 in.  
Cut Out Width (CD): 1.97 in. | 55 in. channel & opal lens.  
2x surface mounting clips.  
End cap: 2x open, 2x closed.  
End cap: 2x open, 2x closed. | 16mm Tape Light: Soldered Lead Only | Opal Lens  
VLX5: Dotless | Beam Angle: 120º  
Opal Lens  
Light Loss: 55%  
CCT Shift: 200K  
IP Rating Shift: IP40 | Recessed Mount: 0.54 x 3.86 in.  
48", 96"  
Aluminum |
VALENT® X Wet Location High Density LED Tape Light

Precision-engineered, high density tape light for wet locations (IP65). Up to 500+ lumens per foot with 95+ CRI / 90+ R9.

Date

Project Notes

RECOMMENDED 24V DRIVERS

<table>
<thead>
<tr>
<th>SKU</th>
<th>INPUT VOLTAGE / FREQUENCY</th>
<th>OUTPUT VOLTAGE</th>
<th>MAXIMUM LOAD</th>
<th>MINIMUM LOAD</th>
<th>CLASS 2</th>
<th>DIMMABLE</th>
<th>LENGTH</th>
<th>WIDTH</th>
<th>HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>OMNIDRIVE® X Dimmable Driver</td>
<td>Versatile driver for most high-performance dimming on ELV, TRIAC, and 0-10V systems.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contains</td>
<td>Additional Models</td>
<td>Additional Features</td>
<td>Derating Curves</td>
<td>System Diagrams</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DI-ODX-24V30W-J</td>
<td>120-277V</td>
<td>24V</td>
<td>30W</td>
<td>No minimum load</td>
<td>Yes</td>
<td>Yes</td>
<td>6.5 in.</td>
<td>3.7 in.</td>
<td>1.57 in.</td>
</tr>
<tr>
<td>DI-ODX-24V60W-J</td>
<td>120-277V</td>
<td>24V</td>
<td>60W</td>
<td>No minimum load</td>
<td>Yes</td>
<td>Yes</td>
<td>7.4 in.</td>
<td>3.7 in.</td>
<td>1.57 in.</td>
</tr>
<tr>
<td>DI-ODX-24V96W-J</td>
<td>120-277V</td>
<td>24V</td>
<td>96W</td>
<td>No minimum load</td>
<td>Yes</td>
<td>Yes</td>
<td>8.66 in.</td>
<td>3.7 in.</td>
<td>1.57 in.</td>
</tr>
<tr>
<td>DI-ODX-24V120W-J</td>
<td>120-277V</td>
<td>24V</td>
<td>120W</td>
<td>No minimum load</td>
<td>Yes</td>
<td>No</td>
<td>8.66 in.</td>
<td>3.7 in.</td>
<td>1.57 in.</td>
</tr>
</tbody>
</table>

VLM Series Constant Voltage Driver

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

<table>
<thead>
<tr>
<th>SKU</th>
<th>INPUT VOLTAGE / FREQUENCY</th>
<th>OUTPUT VOLTAGE</th>
<th>MAXIMUM LOAD</th>
<th>MINIMUM LOAD</th>
<th>CLASS 2</th>
<th>DIMMABLE</th>
<th>LENGTH</th>
<th>WIDTH</th>
<th>HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>VLM60W-24-LPS3R</td>
<td>120 / 277VAC 47 - 63Hz</td>
<td>24V</td>
<td>60W</td>
<td>No Minimum Load</td>
<td>Yes</td>
<td>PWM</td>
<td>10.79 in.</td>
<td>7.34 in.</td>
<td>2.36 in.</td>
</tr>
<tr>
<td>VLM60W-24-LPM</td>
<td>120 / 277VAC 47 - 63Hz</td>
<td>24V</td>
<td>60W</td>
<td>No Minimum Load</td>
<td>Yes</td>
<td>PWM</td>
<td>8.19 in.</td>
<td>2.94 in.</td>
<td>1.31 in.</td>
</tr>
<tr>
<td>VLM100W-24-LPS3R</td>
<td>120 / 277VAC 47 - 63Hz</td>
<td>24V</td>
<td>100W</td>
<td>No Minimum Load</td>
<td>Yes</td>
<td>PWM</td>
<td>10.79 in.</td>
<td>7.34 in.</td>
<td>2.36 in.</td>
</tr>
</tbody>
</table>

MEANWELL Constant Voltage Driver

Drivers for on/off or PWM dimming applications.

<table>
<thead>
<tr>
<th>SKU</th>
<th>INPUT VOLTAGE / FREQUENCY</th>
<th>OUTPUT VOLTAGE</th>
<th>MAXIMUM LOAD</th>
<th>MINIMUM LOAD</th>
<th>CLASS 2</th>
<th>DIMMABLE</th>
<th>LENGTH</th>
<th>WIDTH</th>
<th>HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>DI-CV-MN24V60W-277-LPS3R</td>
<td>120 – 277VAC 50/60Hz</td>
<td>24V</td>
<td>60W</td>
<td>No minimum load</td>
<td>Yes</td>
<td>Yes, with compatible PWM dimmer/controls</td>
<td>10.79 in.</td>
<td>7.34 in.</td>
<td>2.36 in.</td>
</tr>
<tr>
<td>DI-CV-MN24V60W-277-LPS</td>
<td>120 – 277VAC 50/60Hz</td>
<td>24V</td>
<td>60W</td>
<td>No minimum load</td>
<td>Yes</td>
<td>Yes, with compatible PWM dimmer/controls</td>
<td>11.25 in.</td>
<td>3.75 in.</td>
<td>1.9 in.</td>
</tr>
</tbody>
</table>

PoE (Power over Ethernet)

Constant voltage platform, ready for Power over Ethernet (inquire)

RECOMMENDED CONTROLLERS

<table>
<thead>
<tr>
<th>SKU</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>CASAMBI® Controllers</td>
<td>The CASAMBI controllers will remotely control your lighting through the app - downloadable for IOS &amp; Android.</td>
</tr>
<tr>
<td>CBU-PWM4</td>
<td>CASAMBI PWM4 Single Color Dimming Controller</td>
</tr>
<tr>
<td>CBU-A2D</td>
<td>CASAMBI A2D 2 Channel 0-10V/DALI Controller</td>
</tr>
<tr>
<td>CBU-ASR</td>
<td>CASAMBI ASR 0-10V Controller</td>
</tr>
<tr>
<td>CBU-TED</td>
<td>CASAMBI TED AC High Voltage Controller</td>
</tr>
<tr>
<td>SWITCHEX® Driver and Dimmer Switch</td>
<td>LED driver and dimmer switch combined in a single gang box.</td>
</tr>
<tr>
<td>DI-12V-SE-40W</td>
<td>SWITCHEX 12V Switch/Driver Combo - 40W</td>
</tr>
<tr>
<td>DI-12V-SE-60W</td>
<td>SWITCHEX 12V Switch/Driver Combo - 60W</td>
</tr>
</tbody>
</table>
Precision-engineered, high density tape light for wet locations (IP65). Up to 500+ lumens per foot with 95+ CRI / 90+ R9.

**MECHANICAL DIAGRAMS**

24V-VLX5

**CONNECTIONS**

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

36 in. Bare Lead 20/2 AWG UL 2464 Wire with Strain Relief
**VALENT® X Wet Location**

High Density LED Tape Light

Precision-engineered, high density tape light for wet locations (IP65).
Up to 500+ lumens per foot with 95+ CRI / 90+ R9.

### ACCESSORIES

- **Soldered Lead Only**
- **DI-WLMC-12MM**
  12mm Tape, Wet Location Over Clips, 10 pack, with 20 screws

- **DI-WL-12MM-EC-5**
  Wet Location Ship End Caps, 12mm Tape, Silicone, 5 pack (5 open, 5 closed)

- **DI-WPSL**
  Wet Location Sealant

### DELIVERY OPTIONS

- **Field Assembly**
  Fastest order fulfillment. Field connectors and accessories not included.

- **Factory + Field (Hybrid)**
  Onsite modifications with factory connection. Additional accessories not included.

- **Factory Assembly**
  Fastest Installation. Factory made-to-order fixtures.

- Lumen value measured in accordance to IES LM-80-08. LED chips have a luminous flux range with a tolerance of +/– 5%.

- Each maximum run requires a dedicated power feed from the driver. Do not extend beyond the recommended maximum run length. Max run may exceed Class 2 limit. Actual wattage may differ from calculated wattage due to voltage drop across run.

- Do not install product in an environment outside the listed ambient temperature. Exceeding the maximum ambient temperature may damage LED chips, reduce the total lamp life, lumen output, and/or adversely impact color consistency.

- Actual efficacy value is dependent to specified LED driver (power supply). An estimated efficacy value can be calculated as follows: Lumen value divided by average power consumption per foot.

- Operating temperature is measured according to the minimum and maximum ambient temperature environment.
VALENT® X Wet Location High Density LED Tape Light

Precision-engineered, high density tape light for wet locations (IP65). Up to 500+ lumens per foot with 95+ CRI / 90+ R9.

CERTIFICATIONS

Safety

- 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
- CE & EMC Compliant. Verification No. G2EM141200883705V

Environment

- Ambient Temperature: -4 ~ 122°F (-20 ~ 50°C)
- Operating Temperature: -4 ~ 176°F (-20 ~ 80°C)
- RoHS Compliant. Verification No. CAN/IEC6100091501

Performance

- Can be used to comply with TITLE 24 Part 6 High Efficiency Lighting LED requirements - JAB-2016-2022-E
- LED chip data measured in accordance to IES LM-80-08.
- 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

- 12 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/ 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.