

**Features**

LineLED Wet Tube is a small profile, energy efficient LED strip for IP65, IP67, and IP68 rated wet installations. It offers excellent color quality with 95+ CRI and 95+ R9 values across the entire range of outputs, while sustaining efficacy above 100 lumens per watt. With multiple outputs from available, providing a range from 110 to over 850 lumens per foot. Industry-best color consistency is ensured with single-binned LEDs. LLVC72WET provides smooth, dot-free illumination in all Luminii extrusions when paired with a frosted lens. Equipped with a white-coextrusion tube, the LLVC72WET boasts boosted efficacy.



LLVC72WET -WHT



**Mounting**

LED strip is equipped with 3M™ adhesive tape

**Applications**

Outdoor and wet locations - cove lighting, architectural accent, handrail, wet bars

**Approvals**

IP65, IP67, and IP68 rated

**Operating voltage**

24 VDC

**Average Life (L70)**

50,000 hours

**Warranty**

5 years



**Technical information**

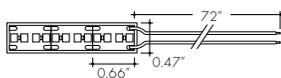
| TYPE   | LLVC72WET-WHT                |                              |                              |                              |                             |                             |
|--|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|
| OUTPUT OPTIONS                               | VLO                          | LO                           | SO                           | MO                           | HO                          | VHO                         |
| Lumens Output (3000K)                        | 118 lm/ft                    | 302 lm/ft                    | 401 lm/ft                    | 530 lm/ft                    | 641lm/ft                    | 854 lm/ft                   |
| Average Power Consumption (for a 4" section) | 1.1 W/ft                     | 2.8 W/ft                     | 3.7 W/ft                     | 4.9 W/ft                     | 6.0 W/ft                    | 8.0 W/ft                    |
| Efficacy                                     | 108 lm/W                     | 108 lm/W                     | 108 lm/W                     | 108 lm/W                     | 1070lm/W                    | 107 lm/W                    |
| Cutting Increment (in)                       | 0.66"                        |                              |                              |                              |                             |                             |
| Pitch Length                                 | 0.16"                        |                              |                              |                              |                             |                             |
| Max Run Length (in series)                   | 56.9 ft                      | 32.0 ft                      | 28.0 ft                      | 24.0 ft                      | 21.0 ft                     | 18.0 ft                     |
| Dimensions                                   | 0.47"W x 0.24" H             |                              |                              |                              |                             |                             |
| Ambient Operating Temperature Range*         | -15°F - 125°F (-25°C - 50°C) | -15°F - 115°F (-25°C - 45°C) | -15°F - 105°F (-25°C - 40°C) | -15°F - 105°F (-25°C - 40°C) | -15°F - 85°F (-25°C - 30°C) | -15°F - 85°F (-25°C - 30°C) |

| CCT   | Multiplier (reference - 3000K) | CRI | R <sub>f</sub> | R <sub>g</sub> | R <sub>9</sub> |
|-------|--------------------------------|-----|----------------|----------------|----------------|
| 1800K | 0.50                           | 95  | 94             | 99             | 86             |
| 2200K | 0.66                           | 96  | 94             | 101            | 95             |
| 2400K | 0.90                           | 98  | 96             | 101            | 91             |
| 2700K | 0.93                           | 98  | 96             | 102            | 93             |
| 3000K | 1.00                           | 97  | 94             | 104            | 99             |
| 3500K | 1.04                           | 96  | 94             | 105            | 97             |
| 4100K | 1.05                           | 97  | 95             | 104            | 96             |

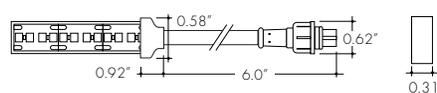
\*Ambient Operating Temperature Range to maintain L70 of 50K+ hours in normal conditions. Exceeding Ambient Operating Temperature Range may result in decreased life/output. Consult Technical Support for specific inquires.

**Section Start/End Options**

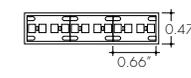
**SL65**  
72" Soldered Leads, IP65 rated



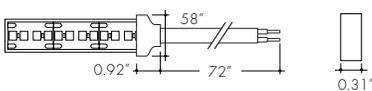
**LF**  
Female Quick Connect End, IP67 rated



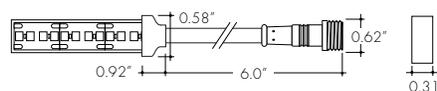
**NC**  
No Connector



**SL68**  
72" Soldered Leads, IP68 rated



**LM**  
Male Quick Connect End, IP67 rated



IP65 rated when used with SL65 selection

IP67 rated when used with LM or LF selection

IP68 rated when used with SL68 selection

**Ordering code**

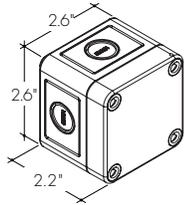
| MODEL                                       | OUTPUT   | CCT <sup>1</sup>  | SECTION START   | SECTION END   | LENGTH   |
|---|--|---|---|---|--|
| LLVC72WET-WHT - LineLED VC72 White Wet Tube | VLO - Very Low<br>LO - Low<br>SO - Standard<br>MO - Medium<br>HO - High<br>VHO - Very High | 18K - 1800K<br>22K - 2200K<br>24K - 2400K<br>27K - 2700K<br>30K - 3000K<br>35K - 3500K<br>41K - 4100K | SL65 - IP65 Soldered lead wires (72")<br>SL68 - IP68 Soldered lead wires (72")<br>LF - IP67 Female Quick Connect<br>LM - IP67 Male Quick Connect<br>NC - No Connector | SL65 - IP65 Soldered lead wires (72")<br>SL68 - IP68 Soldered lead wires (72")<br>LF - IP67 Female Quick Connect<br>LM - IP67 Male Quick Connect<br>NC - No Connector | Ordered in one foot increments.<br>See chart above for max run length. |

1 - 18K, 22K, and 24K have extended lead times.

**Accessories**

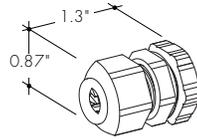
**LVSP-WET**

Splice box: wet rated, low voltage, gray, IP66



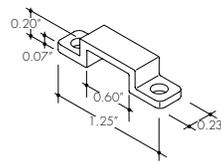
**LVSP-WET-CM**

Splice box connector, low voltage, gray



**CL2**

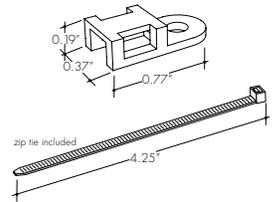
Mounting clip



Recommended every 12" when LineLED strip is facing down

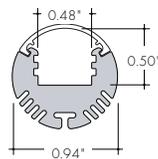
**LL-ZIP**

Cable/Wire Strain Relief Clip



**Lens Options / Light Transmission**

**RO CHANNEL -ROC**

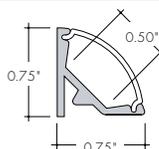


| Lens           | Clear | Frosted |
|----------------|-------|---------|
| Transmission % | 86%   | 67%     |
| Dotting*       | CD    | ND      |

\* At 100% brightness

**NOT Compatible with**  
 - LF Connect Option  
 - LM Connect Option  
 - SL68 Connect Option

**K45R CHANNEL -K45RC**

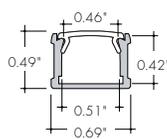


| Lens           | Round Frosted |
|----------------|---------------|
| Transmission % | 65%           |
| Dotting*       | ND            |

\* At 100% brightness

**NOT Compatible with**  
 - LF Connect Option  
 - LM Connect Option  
 - SL68 Connect Option

**KM CHANNEL -KMC**

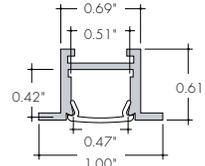


| Lens           | Clear | Half Frosted | Frosted | Flat Frosted | Raised | Narrow Beam Grazer |
|----------------|-------|--------------|---------|--------------|--------|--------------------|
| Transmission % | 82%   | 65%          | 51%     | 47%          | 58%    | 56%                |
| Dotting*       | CD    | ND           | ND      | ND           | ND     | N/A                |

\* At 100% brightness

**NOT Compatible with**  
 - LF Connect Option  
 - LM Connect Option  
 - SL68 Connect Option  
 - Narrow Beam Grazer Lens (GR)

**KRM CHANNEL -KRMC**

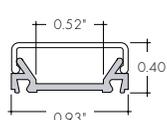


| Lens           | Clear | Half Frosted | Frosted | Flat Frosted | Narrow Beam Grazer |
|----------------|-------|--------------|---------|--------------|--------------------|
| Transmission % | 82%   | 65%          | 51%     | 47%          | 56%                |
| Dotting*       | CD    | ND           | ND      | ND           | N/A                |

\* At 100% brightness

**NOT Compatible with**  
 - LF Connect Option  
 - LM Connect Option  
 - SL68 Connect Option  
 - Narrow Beam Grazer Lens (GR)

**BAR CHANNEL -BARC**

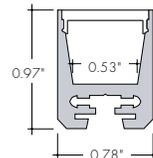


| Lens           | Frosted | Narrow Beam | Medium | Batwing | Asymmetric |
|----------------|---------|-------------|--------|---------|------------|
| Transmission % | 65%     | 63%         | 56%    | 74%     | 56%        |
| Dotting*       | ND      | N/A         | N/A    | N/A     | N/A        |

\* At 100% brightness

**NOT Compatible with**  
 - LF Connect Option  
 - LM Connect Option  
 - SL68 Connect Option  
**Compatible with Frosted Lens Only**

**ALS20 CHANNEL -ALS20C**

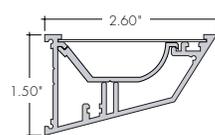


| Lens           | Clear | Frosted |
|----------------|-------|---------|
| Transmission % | 54%   | 49%     |
| Dotting*       | CD    | ND      |

\* At 100% brightness

**NOT Compatible with**  
 - LF Connect Option  
 - LM Connect Option  
 - SL68 Connect Option

**MCAL CHANNEL -MCALC**

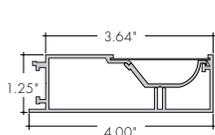


| Lens           | Long Throw | Tall Throw |
|----------------|------------|------------|
| Transmission % | 91%        | 91%        |
| Dotting*       | CD         | N/A        |

\* At 100% brightness

**NOT Compatible with**  
 - Tall Throw Reflector Lens (TT)

**MREC CHANNEL -MRECC**



| Lens           | Long Throw | Tall Throw |
|----------------|------------|------------|
| Transmission % | 91%        | 91%        |
| Dotting*       | CD         | CD         |

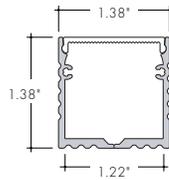
\* At 100% brightness

**Lens Options / Light Transmission**

|                                  |                        |                  |   |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |
|----------------------------------|------------------------|------------------|---|-------------|------------------------|-----------------------|-----------------------|-----------------------|-----|---|-----|-----------------|---|-----|----|---|
| <b>CLT CHANNEL<br/>-CLTC</b>     |                        |                  | <table border="1"> <tr> <td><b>Lens</b></td> <td>No Lens</td> </tr> <tr> <td><b>Transmission %</b></td> <td>100%</td> </tr> <tr> <td><b>Dotting*</b></td> <td>CD</td> </tr> </table>  | <b>Lens</b> | No Lens                | <b>Transmission %</b> | 100%                  | <b>Dotting*</b>       | CD  | <p><b>NOT Compatible with</b></p> <ul style="list-style-type: none"> <li>- LF Connect Option</li> <li>- LM Connect Option</li> <li>- SL68 Connect Option</li> </ul> |     |                 |   |     |    |   |
| <b>Lens</b>                      | No Lens                |                  |   |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |
| <b>Transmission %</b>            | 100%                   |                  |   |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |
| <b>Dotting*</b>                  | CD                     |                  |   |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |
| <b>CTT CHANNEL<br/>-CTTC</b>     |                        |                  | <table border="1"> <tr> <td><b>Lens</b></td> <td>No Lens</td> </tr> <tr> <td><b>Transmission %</b></td> <td>100%</td> </tr> <tr> <td><b>Dotting*</b></td> <td>CD</td> </tr> </table>  | <b>Lens</b> | No Lens                | <b>Transmission %</b> | 100%                  | <b>Dotting*</b>       | CD  | <p><b>NOT Compatible with</b></p> <ul style="list-style-type: none"> <li>- LF Connect Option</li> <li>- LM Connect Option</li> <li>- SL68 Connect Option</li> </ul> |     |                 |   |     |    |   |
| <b>Lens</b>                      | No Lens                |                  |   |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |
| <b>Transmission %</b>            | 100%                   |                  |   |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |
| <b>Dotting*</b>                  | CD                     |                  |   |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |
| <b>KXL CHANNEL<br/>-KXLC</b>     |                        |                  | <table border="1"> <tr> <td><b>Lens</b></td> <td>Clear</td> <td>Half Frosted</td> <td>Frosted</td> </tr> <tr> <td><b>Transmission %</b></td> <td>86%</td> <td>69%</td> <td>54%</td> </tr> <tr> <td><b>Dotting*</b></td> <td>CD</td> <td>ND</td> <td>ND</td> </tr> </table>        | <b>Lens</b> | Clear                  | Half Frosted          | Frosted               | <b>Transmission %</b> | 86% | 69%   | 54% | <b>Dotting*</b> | CD  | ND  | ND | <p><b>NOT Compatible with</b></p> <ul style="list-style-type: none"> <li>- LF Connect Option</li> <li>- LM Connect Option</li> <li>- SL68 Connect Option</li> </ul> |
| <b>Lens</b>                      | Clear                  | Half Frosted     | Frosted   |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |
| <b>Transmission %</b>            | 86%                    | 69%              | 54%   |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |
| <b>Dotting*</b>                  | CD                     | ND               | ND  |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |
| <b>KRXL CHANNEL<br/>-KRXLC</b>   |                        |                  | <table border="1"> <tr> <td><b>Lens</b></td> <td>Clear</td> <td>Half Frosted</td> <td>Frosted</td> </tr> <tr> <td><b>Transmission %</b></td> <td>86%</td> <td>69%</td> <td>54%</td> </tr> <tr> <td><b>Dotting*</b></td> <td>CD</td> <td>ND</td> <td>ND</td> </tr> </table>        | <b>Lens</b> | Clear                  | Half Frosted          | Frosted               | <b>Transmission %</b> | 86% | 69%   | 54% | <b>Dotting*</b> | CD  | ND  | ND | <p><b>NOT Compatible with</b></p> <ul style="list-style-type: none"> <li>- LF Connect Option</li> <li>- LM Connect Option</li> <li>- SL68 Connect Option</li> </ul> |
| <b>Lens</b>                      | Clear                  | Half Frosted     | Frosted   |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |
| <b>Transmission %</b>            | 86%                    | 69%              | 54%   |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |
| <b>Dotting*</b>                  | CD                     | ND               | ND  |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |
| <b>CLA CHANNEL<br/>-CLAC</b>     |                        |                  | <table border="1"> <tr> <td><b>Lens</b></td> <td>Rounded Square Frosted</td> <td>Square Frosted</td> </tr> <tr> <td><b>Transmission %</b></td> <td>62%</td> <td>65%</td> </tr> <tr> <td><b>Dotting*</b></td> <td>ND</td> <td>ND</td> </tr> </table>                               | <b>Lens</b> | Rounded Square Frosted | Square Frosted        | <b>Transmission %</b> | 62%                   | 65% | <b>Dotting*</b>   | ND  | ND              | <p><b>NOT Compatible with</b></p> <ul style="list-style-type: none"> <li>- LF Connect Option</li> <li>- LM Connect Option</li> <li>- SL68 Connect Option</li> </ul> |     |    |   |
| <b>Lens</b>                      | Rounded Square Frosted | Square Frosted   |   |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |
| <b>Transmission %</b>            | 62%                    | 65%              |   |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |
| <b>Dotting*</b>                  | ND                     | ND               |   |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |
| <b>RO15 CHANNEL<br/>-RO15C</b>   |                        |                  | <table border="1"> <tr> <td><b>Lens</b></td> <td>Clear</td> <td>Frosted</td> </tr> <tr> <td><b>Transmission %</b></td> <td>76%</td> <td>50%</td> </tr> <tr> <td><b>Dotting*</b></td> <td>CD</td> <td>ND</td> </tr> </table>   | <b>Lens</b> | Clear                  | Frosted               | <b>Transmission %</b> | 76%                   | 50% | <b>Dotting*</b>   | CD  | ND              | <p><b>NOT Compatible with</b></p> <ul style="list-style-type: none"> <li>- LF Connect Option</li> <li>- LM Connect Option</li> <li>- SL68 Connect Option</li> </ul> |     |    |   |
| <b>Lens</b>                      | Clear                  | Frosted          |   |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |
| <b>Transmission %</b>            | 76%                    | 50%              |   |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |
| <b>Dotting*</b>                  | CD                     | ND               |   |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |
| <b>ALE CHANNEL<br/>-ALEC</b>     |                        |                  | <table border="1"> <tr> <td><b>Lens</b></td> <td>Clear</td> <td>Frosted</td> </tr> <tr> <td><b>Transmission %</b></td> <td>58%</td> <td>37%</td> </tr> <tr> <td><b>Dotting*</b></td> <td>CD</td> <td>ND</td> </tr> </table>   | <b>Lens</b> | Clear                  | Frosted               | <b>Transmission %</b> | 58%                   | 37% | <b>Dotting*</b>   | CD  | ND              | <p><b>NOT Compatible with</b></p> <ul style="list-style-type: none"> <li>- LF Connect Option</li> <li>- LM Connect Option</li> <li>- SL68 Connect Option</li> </ul> |     |    |   |
| <b>Lens</b>                      | Clear                  | Frosted          |   |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |
| <b>Transmission %</b>            | 58%                    | 37%              |   |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |
| <b>Dotting*</b>                  | CD                     | ND               |   |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |
| <b>LIN CHANNEL<br/>-LINC</b>     |                        |                  | <table border="1"> <tr> <td><b>Lens</b></td> <td>Frosted</td> <td>Frosted Silicone</td> <td>No Lens</td> </tr> <tr> <td><b>Transmission %</b></td> <td>48%</td> <td>56%</td> <td>82%</td> </tr> <tr> <td><b>Dotting*</b></td> <td>ND</td> <td>N/A</td> <td>CD</td> </tr> </table> | <b>Lens</b> | Frosted                | Frosted Silicone      | No Lens               | <b>Transmission %</b> | 48% | 56%   | 82% | <b>Dotting*</b> | ND  | N/A | CD | <p><b>NOT Compatible with</b></p> <ul style="list-style-type: none"> <li>- Frosted Silicone Lens (FS)</li> </ul>  |
| <b>Lens</b>                      | Frosted                | Frosted Silicone | No Lens   |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |
| <b>Transmission %</b>            | 48%                    | 56%              | 82%   |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |
| <b>Dotting*</b>                  | ND                     | N/A              | CD  |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |
| <b>KILO CHANNEL<br/>-KILOC</b>   |                        |                  | <table border="1"> <tr> <td><b>Lens</b></td> <td>Clear</td> <td>Frosted</td> <td>No Lens</td> </tr> <tr> <td><b>Transmission %</b></td> <td>85%</td> <td>75%</td> <td>90%</td> </tr> <tr> <td><b>Dotting*</b></td> <td>CD</td> <td>ND</td> <td>CD</td> </tr> </table>             | <b>Lens</b> | Clear                  | Frosted               | No Lens               | <b>Transmission %</b> | 85% | 75%   | 90% | <b>Dotting*</b> | CD  | ND  | CD | <p><b>NOT Compatible with</b></p> <ul style="list-style-type: none"> <li>- LF Connect Option</li> <li>- LM Connect Option</li> <li>- SL68 Connect Option</li> </ul> |
| <b>Lens</b>                      | Clear                  | Frosted          | No Lens   |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |
| <b>Transmission %</b>            | 85%                    | 75%              | 90%   |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |
| <b>Dotting*</b>                  | CD                     | ND               | CD  |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |
| <b>KILOR CHANNEL<br/>-KILORC</b> |                        |                  | <table border="1"> <tr> <td><b>Lens</b></td> <td>Clear</td> <td>Frosted</td> <td>No Lens</td> </tr> <tr> <td><b>Transmission %</b></td> <td>85%</td> <td>75%</td> <td>90%</td> </tr> <tr> <td><b>Dotting*</b></td> <td>CD</td> <td>ND</td> <td>CD</td> </tr> </table>             | <b>Lens</b> | Clear                  | Frosted               | No Lens               | <b>Transmission %</b> | 85% | 75%   | 90% | <b>Dotting*</b> | CD  | ND  | CD | <p><b>NOT Compatible with</b></p> <ul style="list-style-type: none"> <li>- LF Connect Option</li> <li>- LM Connect Option</li> <li>- SL68 Connect Option</li> </ul> |
| <b>Lens</b>                      | Clear                  | Frosted          | No Lens   |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |
| <b>Transmission %</b>            | 85%                    | 75%              | 90%   |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |
| <b>Dotting*</b>                  | CD                     | ND               | CD  |             |                        |                       |                       |                       |     |   |     |                 |   |     |    |   |

## Lens Options / Light Transmission

### PLA CHANNEL -PLAC



| Lens           | Clear | Frosted |
|----------------|-------|---------|
| Transmission % | 56%   | 34%     |
| Dotting*       | CD    | ND      |

\*At 100% brightness

**NOT Compatible with**  
 - LF Connect Option  
 - LM Connect Option  
 - SL68 Connect Option

### Installation

All mounting channels are field cuttable using miter saw with circular blade suitable for cutting aluminum.

### Ordering

Extrusions are sold separately. View respective specsheets for details on ordering extrusions and their accessories (endcaps, mounting brackets, etc).

## Led Dotting Reference

Use complete Dotting Chart Tool online for more dotting information

### Dotting Chart Tool



I'm also click-able



CD - Clear Dotting



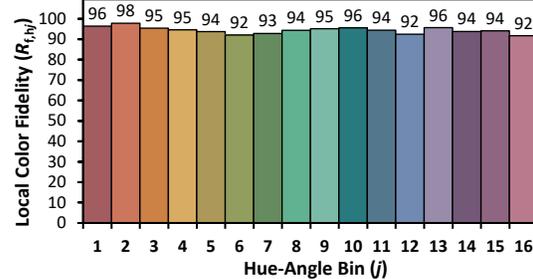
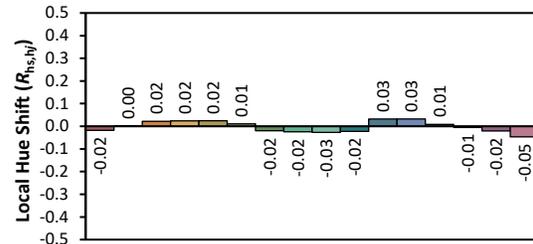
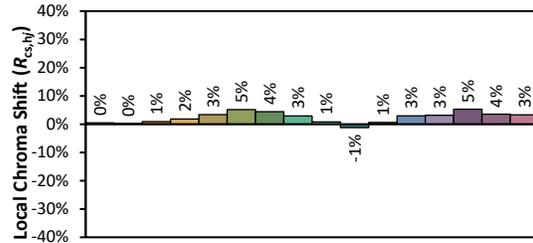
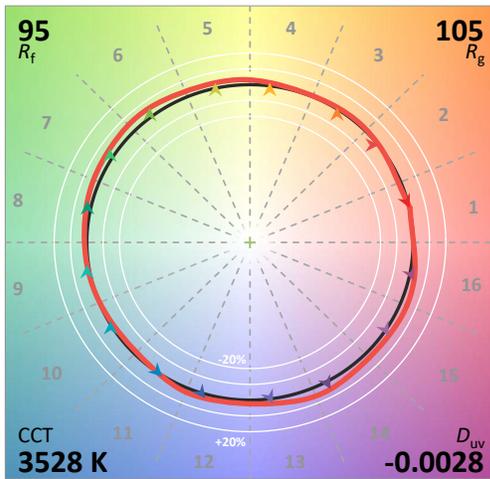
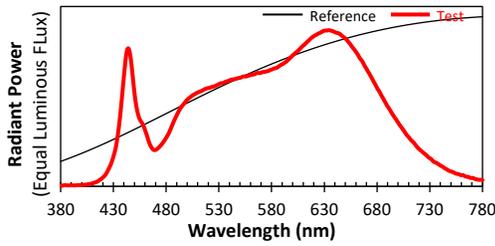
SD - Slight Dotting



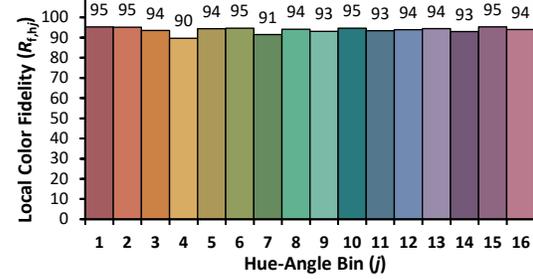
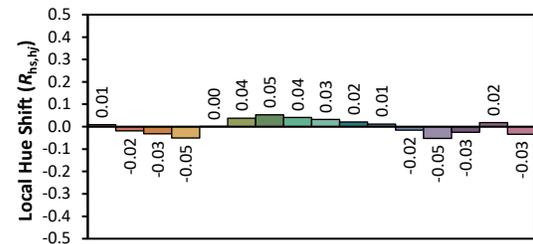
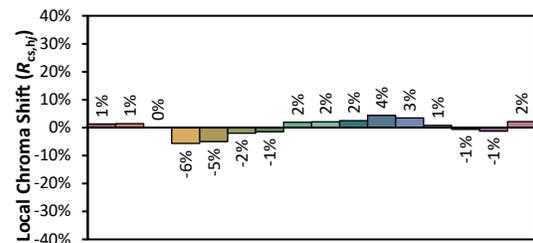
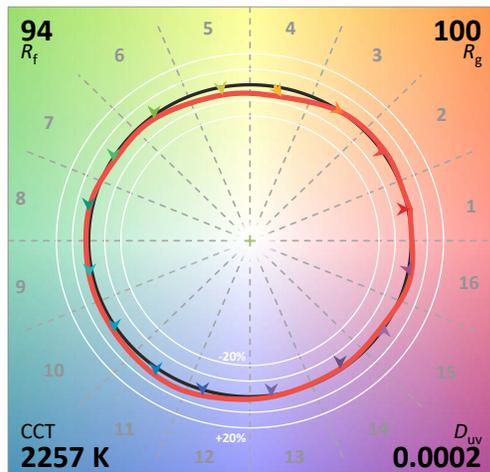
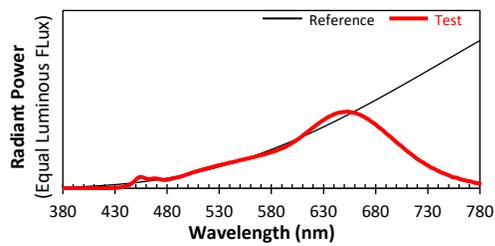
ND - No Dotting

TM-30-18: Data

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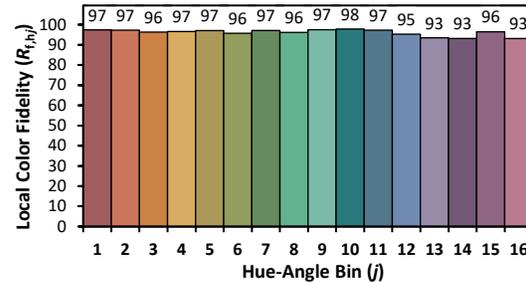
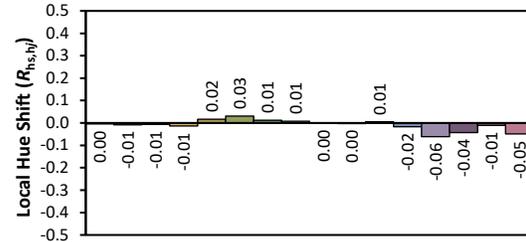
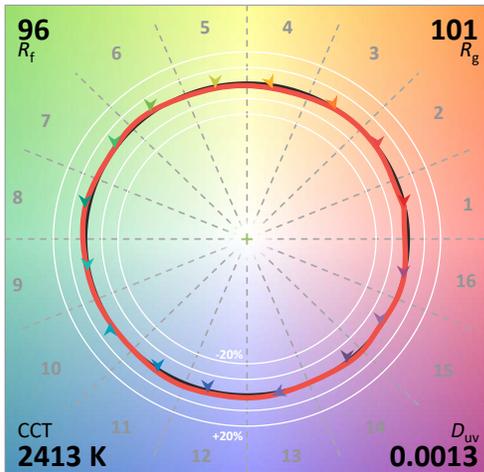
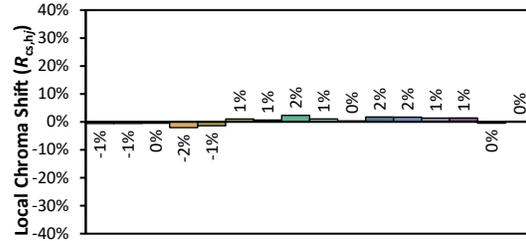
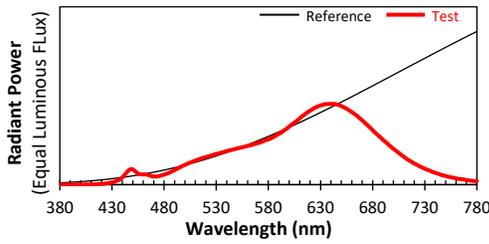


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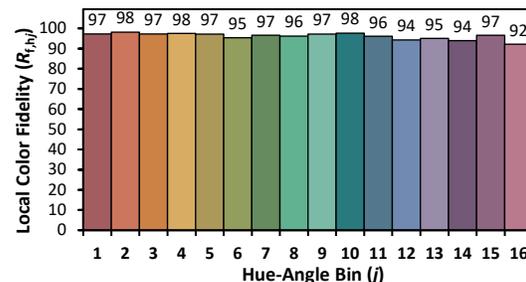
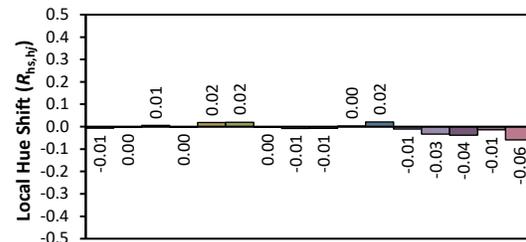
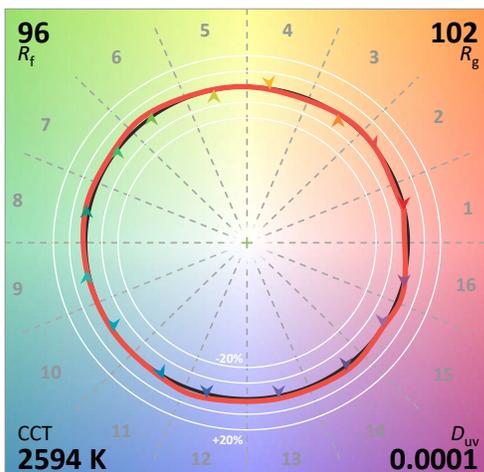
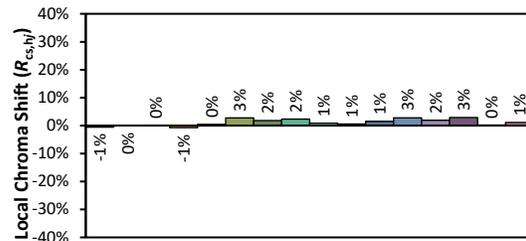
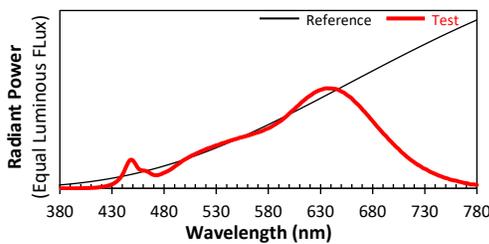


TM-30-18: Data

2400K

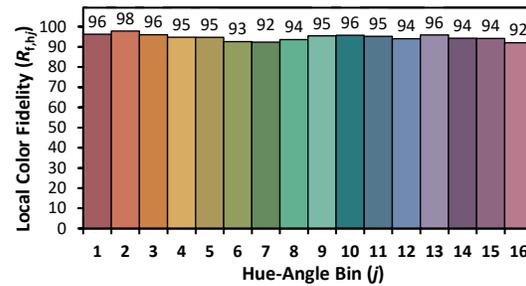
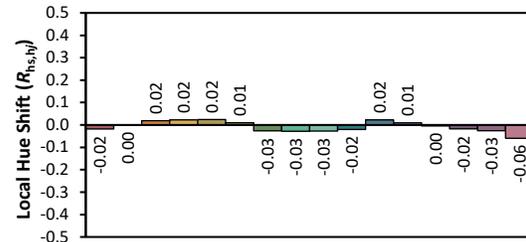
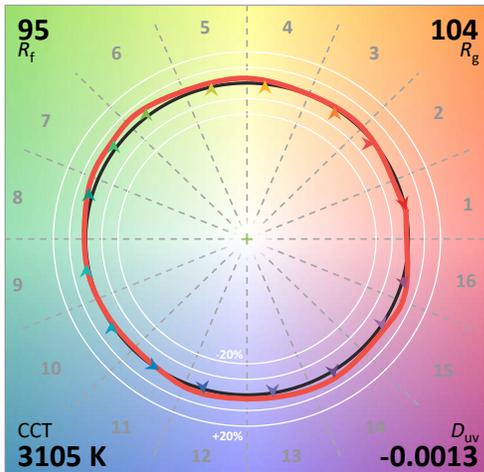
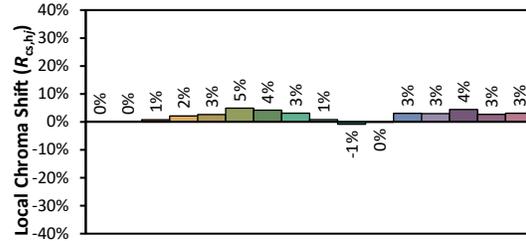
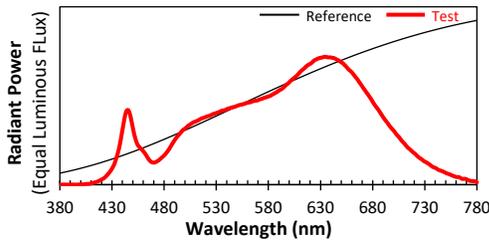


2700K

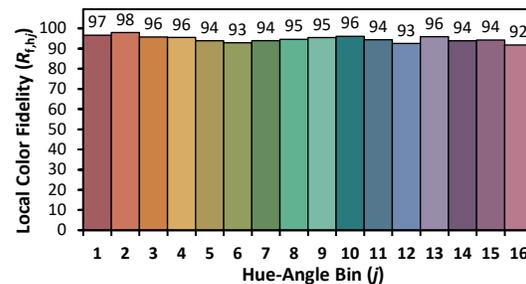
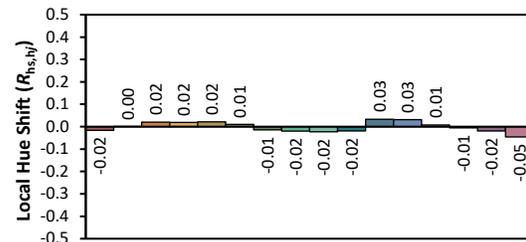
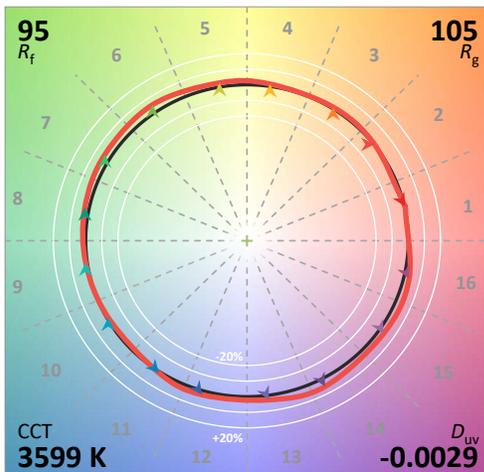
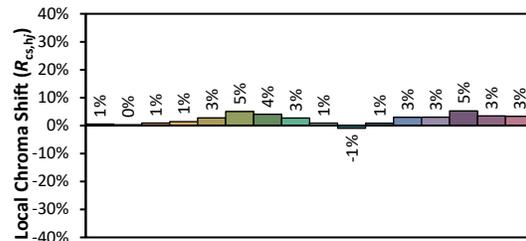
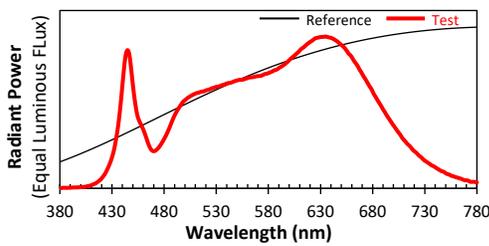


TM-30-18: Data

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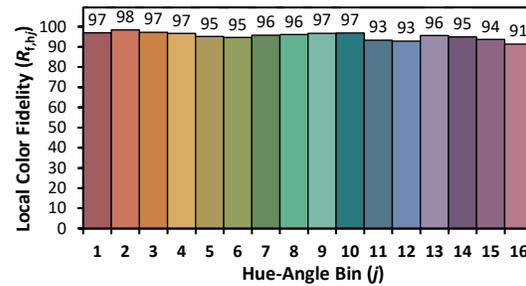
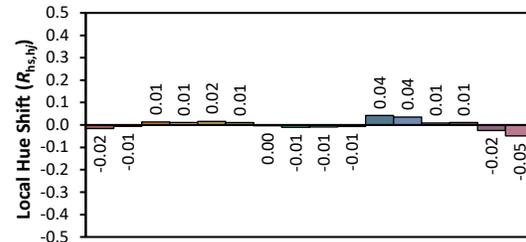
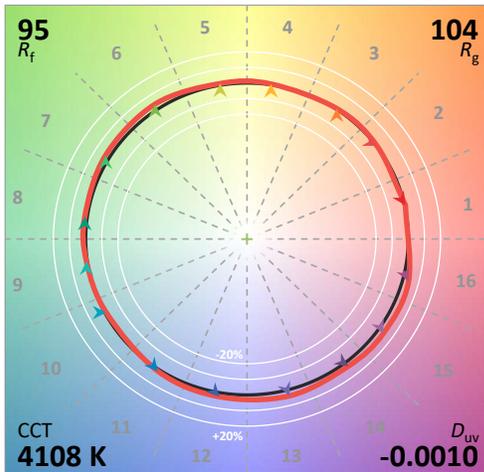
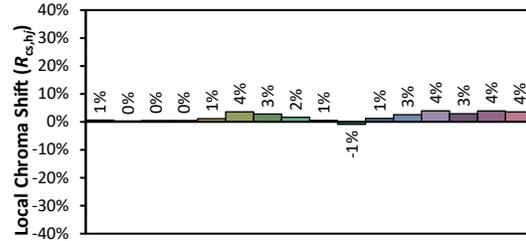
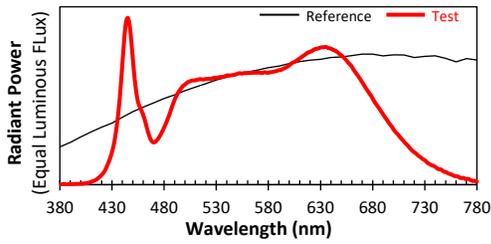


3500K



TM-30-18: Data

4100K



**Power Consumption**

Tested at full power with PS-UNI Series power supplies.

**LLVC72WET-WHT**

| Nominal Length | VLO  |               | LO   |               | SO   |               | MO   |               | HO   |               | VHO  |               |
|----------------|------|---------------|------|---------------|------|---------------|------|---------------|------|---------------|------|---------------|
|                | W/ft | Total Wattage |
| 1              | 1.1  | 1.1           | 2.9  | 2.9           | 3.7  | 3.7           | 5.0  | 5.0           | 6.3  | 6.3           | 8.0  | 8.0           |
| 2              | 1.1  | 2.2           | 2.8  | 5.7           | 3.7  | 7.3           | 4.9  | 9.8           | 6.2  | 12.5          | 7.8  | 15.6          |
| 3              | 1.1  | 3.2           | 2.8  | 8.4           | 3.6  | 10.9          | 4.8  | 14.4          | 6.1  | 18.4          | 7.7  | 23.0          |
| 4              | 1.1  | 4.3           | 2.8  | 11.1          | 3.6  | 14.3          | 4.7  | 19.0          | 6.0  | 24.2          | 7.5  | 30.0          |
| 5              | 1.1  | 5.3           | 2.8  | 13.8          | 3.5  | 17.7          | 4.7  | 23.3          | 5.9  | 29.7          | 7.3  | 36.7          |
| 6              | 1.1  | 6.4           | 2.7  | 16.3          | 3.5  | 21.0          | 4.6  | 27.6          | 5.8  | 35.0          | 7.2  | 43.1          |
| 7              | 1.1  | 7.4           | 2.7  | 18.9          | 3.5  | 24.2          | 4.5  | 31.7          | 5.7  | 40.2          | 7.0  | 49.1          |
| 8              | 1.1  | 8.4           | 2.7  | 21.3          | 3.4  | 27.3          | 4.5  | 35.6          | 5.6  | 45.1          | 6.9  | 54.9          |
| 9              | 1.0  | 9.4           | 2.6  | 23.7          | 3.4  | 30.3          | 4.4  | 39.4          | 5.5  | 49.8          | 6.7  | 60.3          |
| 10             | 1.0  | 10.4          | 2.6  | 26.1          | 3.3  | 33.3          | 4.3  | 43.1          | 5.4  | 54.4          | 6.5  | 65.5          |
| 11             | 1.0  | 11.4          | 2.6  | 28.4          | 3.3  | 36.1          | 4.2  | 46.6          | 5.3  | 58.7          | 6.4  | 70.3          |
| 12             | 1.0  | 12.3          | 2.6  | 30.6          | 3.2  | 38.9          | 4.2  | 50.0          | 5.2  | 62.8          | 6.2  | 74.8          |
| 13             | 1.0  | 13.3          | 2.5  | 32.8          | 3.2  | 41.5          | 4.1  | 53.2          | 5.1  | 66.7          | 6.1  | 78.9          |
| 14             | 1.0  | 14.2          | 2.5  | 34.9          | 3.2  | 44.1          | 4.0  | 56.3          | 5.0  | 70.5          | 5.9  | 82.8          |
| 15             | 1.0  | 15.2          | 2.5  | 37.0          | 3.1  | 46.6          | 3.9  | 59.2          | 4.9  | 74.0          | 5.8  | 86.3          |
| 16             | 1.0  | 16.1          | 2.4  | 39.0          | 3.1  | 49.1          | 3.9  | 62.0          | 4.8  | 77.3          | 5.6  | 89.5          |
| 17             | 1.0  | 17.0          | 2.4  | 40.9          | 3.0  | 51.4          | 3.8  | 64.6          | 4.7  | 80.4          | 5.4  | 92.4          |
| 18             | 1.0  | 17.9          | 2.4  | 42.8          | 3.0  | 53.6          | 3.7  | 67.2          | 4.6  | 83.3          | 5.3  | 95.0          |
| 19             | 1.0  | 18.8          | 2.3  | 44.6          | 2.9  | 55.8          | 3.7  | 69.5          | 4.5  | 86.0          |      |               |
| 20             | 1.0  | 19.6          | 2.3  | 46.4          | 2.9  | 57.9          | 3.6  | 71.7          | 4.4  | 88.6          |      |               |
| 21             | 1.0  | 20.5          | 2.3  | 48.1          | 2.9  | 59.9          | 3.5  | 73.8          | 4.3  | 90.9          |      |               |
| 22             | 1.0  | 21.3          | 2.3  | 49.8          | 2.8  | 61.7          | 3.4  | 75.7          |      |               |      |               |
| 23             | 1.0  | 22.2          | 2.2  | 51.4          | 2.8  | 63.6          | 3.4  | 77.5          |      |               |      |               |
| 24             | 1.0  | 23.0          | 2.2  | 52.9          | 2.7  | 65.3          | 3.3  | 79.2          |      |               |      |               |
| 25             | 1.0  | 23.8          | 2.2  | 54.4          | 2.7  | 66.9          |      |               |      |               |      |               |
| 26             | 0.9  | 24.6          | 2.1  | 55.8          | 2.6  | 68.5          |      |               |      |               |      |               |
| 27             | 0.9  | 25.4          | 2.1  | 57.2          | 2.6  | 70.0          |      |               |      |               |      |               |
| 28             | 0.9  | 26.2          | 2.1  | 58.5          | 2.5  | 71.3          |      |               |      |               |      |               |
| 29             | 0.9  | 27.0          | 2.1  | 59.8          |      |               |      |               |      |               |      |               |
| 30             | 0.9  | 27.7          | 2.0  | 60.9          |      |               |      |               |      |               |      |               |
| 31             | 0.9  | 28.5          | 2.0  | 62.1          |      |               |      |               |      |               |      |               |
| 32             | 0.9  | 29.2          | 2.0  | 63.2          |      |               |      |               |      |               |      |               |
| 33             | 0.9  | 29.9          |      |               |      |               |      |               |      |               |      |               |
| 34             | 0.9  | 30.6          |      |               |      |               |      |               |      |               |      |               |
| 35             | 0.9  | 31.3          |      |               |      |               |      |               |      |               |      |               |
| 36             | 0.9  | 32.0          |      |               |      |               |      |               |      |               |      |               |
| 37             | 0.9  | 32.7          |      |               |      |               |      |               |      |               |      |               |
| 38             | 0.9  | 33.4          |      |               |      |               |      |               |      |               |      |               |
| 39             | 0.9  | 34.0          |      |               |      |               |      |               |      |               |      |               |
| 40             | 0.9  | 34.7          |      |               |      |               |      |               |      |               |      |               |
| 41             | 0.9  | 35.3          |      |               |      |               |      |               |      |               |      |               |
| 42             | 0.9  | 35.9          |      |               |      |               |      |               |      |               |      |               |
| 43             | 0.8  | 36.5          |      |               |      |               |      |               |      |               |      |               |
| 44             | 0.8  | 37.1          |      |               |      |               |      |               |      |               |      |               |
| 45             | 0.8  | 37.7          |      |               |      |               |      |               |      |               |      |               |
| 46             | 0.8  | 38.3          |      |               |      |               |      |               |      |               |      |               |
| 47             | 0.8  | 38.8          |      |               |      |               |      |               |      |               |      |               |
| 48             | 0.8  | 39.4          |      |               |      |               |      |               |      |               |      |               |
| 49             | 0.8  | 39.9          |      |               |      |               |      |               |      |               |      |               |
| 50             | 0.8  | 40.4          |      |               |      |               |      |               |      |               |      |               |
| 51             | 0.8  | 41.0          |      |               |      |               |      |               |      |               |      |               |
| 52             | 0.8  | 41.5          |      |               |      |               |      |               |      |               |      |               |
| 53             | 0.8  | 42.0          |      |               |      |               |      |               |      |               |      |               |
| 54             | 0.8  | 42.4          |      |               |      |               |      |               |      |               |      |               |
| 55             | 0.8  | 42.9          |      |               |      |               |      |               |      |               |      |               |
| 56             | 0.8  | 43.4          |      |               |      |               |      |               |      |               |      |               |
| 56.9           | 0.8  | 43.8          |      |               |      |               |      |               |      |               |      |               |

## Voltage Drop Calculator

The below chart assumes nominal voltage of 24 Volts and a Voltage Drop Allowance of 3% through the wire

| Wattage<br>[W] | Maximum Wire Length From Power Supply to Start of Run [ft] |        |        |        |        |        |        |
|----------------|--|--------|--------|--------|--------|--------|--------|
|                | 12 AWG   | 14 AWG | 16 AWG | 18 AWG | 20 AWG | 22 AWG | 24 AWG |
| <b>5</b>       | 1088.2   | 684.4  | 430.3  | 270.6  | 170.2  | 107.1  | 67.3   |
| <b>10</b>      | 544.1  | 342.2  | 215.1  | 135.3  | 85.1   | 53.5   | 33.7   |
| <b>15</b>      | 362.7  | 228.1  | 143.4  | 90.2   | 56.7   | 35.7   | 22.4   |
| <b>20</b>      | 272.0  | 171.1  | 107.6  | 67.7   | 42.6   | 26.8   | 16.8   |
| <b>25</b>      | 217.6  | 136.9  | 86.1   | 54.1   | 34.0   | 21.4   | 13.5   |
| <b>30</b>      | 181.4  | 114.1  | 71.7   | 45.1   | 28.4   | 17.8   | 11.2   |
| <b>35</b>      | 155.5  | 97.8   | 61.5   | 38.7   | 24.3   | 15.3   | 9.6    |
| <b>40</b>      | 136.0  | 85.5   | 53.8   | 33.8   | 21.3   | 13.4   | 8.4    |
| <b>45</b>      | 120.9  | 76.0   | 47.8   | 30.1   | 18.9   | 11.9   | 7.5    |
| <b>50</b>      | 108.8  | 68.4   | 43.0   | 27.1   | 17.0   | 10.7   | 6.7    |
| <b>55</b>      | 98.9   | 62.2   | 39.1   | 24.6   | 15.5   | 9.7    | 6.1    |
| <b>60</b>      | 90.7   | 57.0   | 35.9   | 22.6   | 14.2   | 8.9    | 5.6    |
| <b>65</b>      | 83.7   | 52.6   | 33.1   | 20.8   | 13.1   | 8.2    | 5.2    |
| <b>70</b>      | 77.7   | 48.9   | 30.7   | 19.3   | 12.2   | 7.6    | 4.8    |
| <b>75</b>      | 72.5   | 45.6   | 28.7   | 18.0   | 11.3   | 7.1    | 4.5    |
| <b>80</b>      | 68.0   | 42.8   | 26.9   | 16.9   | 10.6   | 6.7    | 4.2    |
| <b>85</b>      | 64.0   | 40.3   | 25.3   | 15.9   | 10.0   | 6.3    | 4.0    |
| <b>90</b>      | 60.5   | 38.0   | 23.9   | 15.0   | 9.5    | 5.9    | 3.7    |
| <b>96</b>      | 56.7   | 35.6   | 22.4   | 14.1   | 8.9    | 5.6    | 3.5    |

## Power Supplies

See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

### For use with Static White

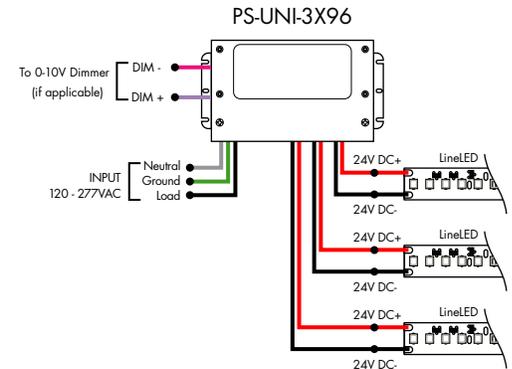
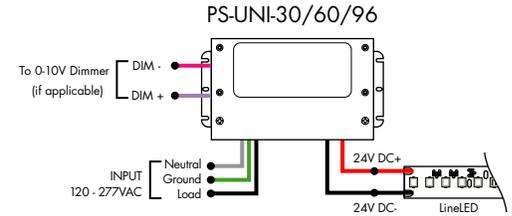
#### Ordering Code - Universal Dimming Power Supplies 0.1% 120VAC - 277VAC

| MODEL                         | INPUT CONTROL                                    | WATTAGE  | OUTPUT      |
|-------------------------------|--|--|-------------|
| PS - Power Supply, 120-277VAC | UNI - 0-10V Dimming (0.1%), Phase Dimming (0.1%) | 30 - 30 Watts<br>60 - 60 Watts<br>96 - 96 Watts<br>3x96 - 3x96 Watts | 24 - 24 VDC |

Compatibility: View a complete list of compatible dimmers on the PS-UNI product page.

0-10V - 0.1% dimming  
MLV/ELV/TRIAC - 0.1% dimming, consult dimming compatibility chart

| MODELS        | PS-UNI-30W | PS-UNI-60W | PS-UNI-96W | PS-UNI-3X96W |
|---------------|------------|------------|------------|--------------|
| <b>Length</b> | 6.50"      | 7.40"      | 8.66"      | 11.85"       |
| <b>Width</b>  | 3.73"      | 3.73"      | 3.73"      | 4.32"        |
| <b>Depth</b>  | 1.61"      | 1.61"      | 1.61"      | 1.81"        |

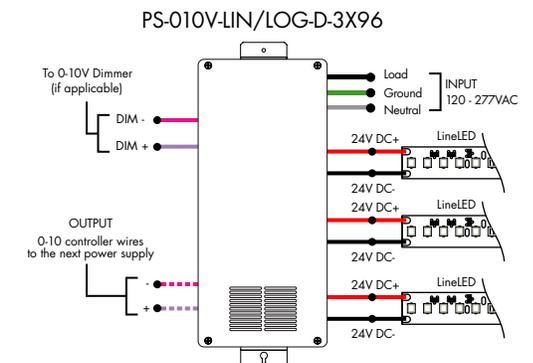
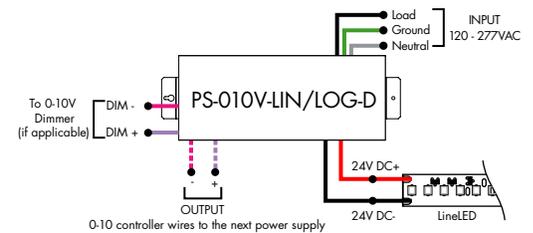


### For use with Static White

#### Ordering Code - 0-10V Dimming Power Supplies 0.1% 120VAC - 277VAC

| MODEL                         | INPUT CONTROL   | ENVIRONMENT | WATTAGE                            | OUTPUT      |
|-------------------------------|---|-------------|------------------------------------|-------------|
| PS - Power Supply, 120-277VAC | 010V-LIN - 0-10V Dimming (0.1%), Linear<br>010V-LOG - 0-10V Dimming (0.1%), Logarithmic | D - Dry     | 96 - 96 Watts<br>3x96 - 3x96 Watts | 24 - 24 VDC |

| MODELS        | 96W    | 3X96   |
|---------------|--------|--------|
| <b>Length</b> | 14.40" | 15.00" |
| <b>Width</b>  | 5.20"  | 6.62"  |
| <b>Depth</b>  | 2.60"  | 4.45"  |



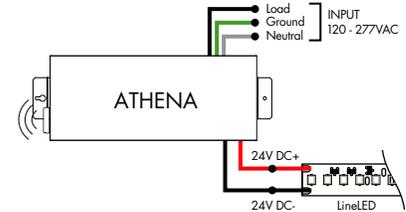
## Power Supplies

See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

### For use with Static White

#### Ordering Code - Athena 0-10V LED Driver

| MODEL                         | INPUT CONTROL   | ENVIRONMENT | WATTAGE     | OUTPUT      | FEATURE        |
|-------------------------------|---|-------------|-------------|-------------|----------------|
| PS - Power Supply, 120-277VAC | 010V-LIN - 0-10V Dimming (0.1%), Linear<br>010V-LOG - 0-10V Dimming (0.1%), Logarithmic | D-Dry       | 96-96 Watts | 24 - 24 VDC | AWNDR - Athena |

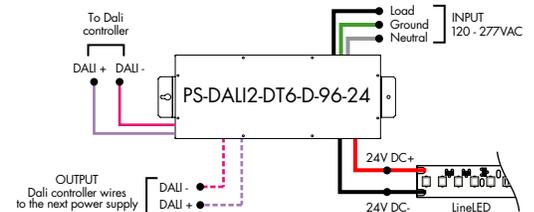


| MODELS | 96W    |
|--------|--------|
| Length | 14.40" |
| Width  | 5.20"  |
| Depth  | 2.60"  |

### For use with Static White

#### Ordering Code - DALI 2 Dimming Power Supplies 0.1% 120VAC - 277VAC

| MODEL                         | INPUT CONTROL                | ENVIRONMENT | WATTAGE     | OUTPUT      |
|-------------------------------|------------------------------|-------------|-------------|-------------|
| PS - Power Supply, 120-277VAC | DALI2-DT6 - DALI2 DT6 (0.1%) | D-Dry       | 96-96 Watts | 24 - 24 VDC |

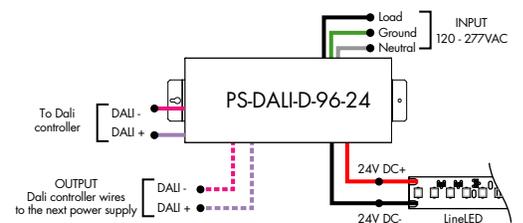


| Model  | 96W    |
|--------|--------|
| Length | 14.40" |
| Width  | 5.20"  |
| Depth  | 2.60"  |

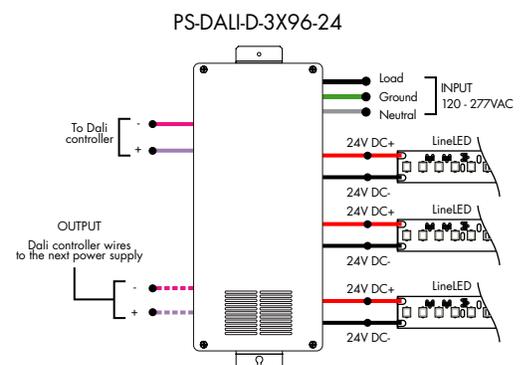
### For use with Static White

#### Ordering Code - DALI Dimming Power Supplies 0.1% 120VAC - 277VAC

| MODEL                         | INPUT CONTROL      | ENVIRONMENT | WATTAGE                          | OUTPUT      |
|-------------------------------|--------------------|-------------|----------------------------------|-------------|
| PS - Power Supply, 120-277VAC | DALI - DALI (0.1%) | D-Dry       | 96-96 Watts<br>3x96 - 3x96 Watts | 24 - 24 VDC |



| Model  | 96W    | 3X96   |
|--------|--------|--------|
| Length | 14.40" | 15.00" |
| Width  | 5.20"  | 6.62"  |
| Depth  | 2.60"  | 4.56"  |



## Power Supplies

See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

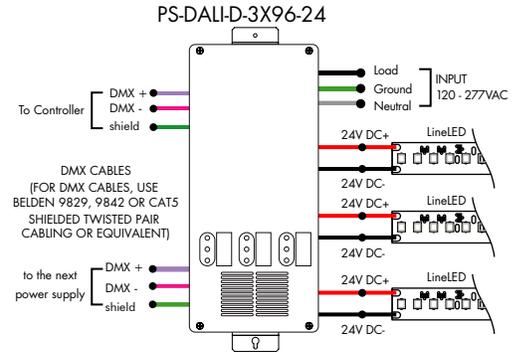
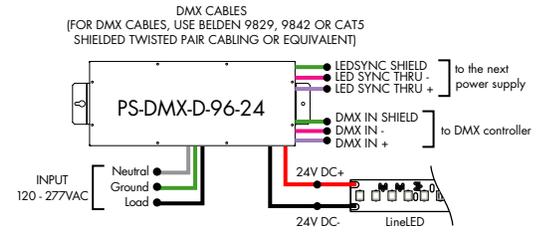
### For use with Static White

#### Ordering Code - DMX Dimming Power Supplies 0.1% 120VAC - 277VAC

| MODEL                       | INPUT CONTROL  | ENVIRONMENT | WATTAGE                        | OUTPUT    |
|-----------------------------|----------------|-------------|--------------------------------|-----------|
| PS-Power Supply, 120-277VAC | DMX-DMX (0.1%) | D-Dry       | 96-96 Watts<br>3x96-3x96 Watts | 24-24 VDC |

| MODELS | 96W    | 3X96   |
|--------|--------|--------|
| Length | 14.40" | 15.00" |
| Width  | 5.20"  | 6.62"  |
| Depth  | 2.60"  | 4.56"  |

ZONAL CONTROL POWER SUPPLIES.  
CONTROL MULTIPLE TAPES/ZONES USING DMX CHANNELS.

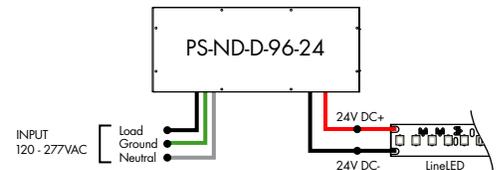


### For use with Static White

#### Ordering Code - Non-Dimming Power Supply, 120VAC - 277VAC

| MODEL                       | INPUT CONTROL  | ENVIRONMENT | WATTAGE     | OUTPUT    |
|-----------------------------|----------------|-------------|-------------|-----------|
| PS-Power Supply, 120-277VAC | ND-Non Dimming | D-Dry       | 96-96 Watts | 24-24 VDC |

| MODELS | 96W    |
|--------|--------|
| Length | 14.40" |
| Width  | 5.20"  |
| Depth  | 2.60"  |

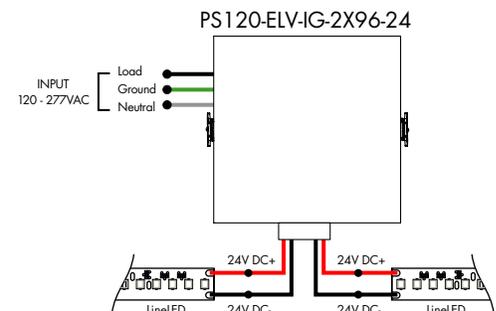


### For use with Static White

#### Ordering Code - In-Ground Power Supplies

| MODEL  | INPUT CONTROL        | ENVIRONMENT  | WATTAGE         | OUTPUT    |
|--|----------------------|--------------|-----------------|-----------|
| PS120-Power Supply, 120VAC<br>PS240-Power Supply, 240VAC<br>PS277-Power Supply, 277VAC | ELV-ELV Dimming (1%) | IG-In Ground | 2X96-2X96 Watts | 24-24 VDC |

| MODELS | 2X96W |
|--------|-------|
| Length | 8.40" |
| Width  | 8.30" |
| Depth  | 8.10" |



## Power Supplies

See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.



Luminii is a Lutron OEM Advantage Partner

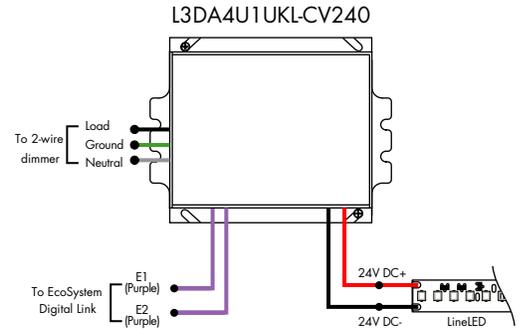
Lutron Power Supplies 1%

MODEL

**L3DA4U1UKL-CV240**

HiLume™ 1% EcoSystem Voltage LED driver 40W max

| MODELS        | L3DA4U1UKL-CV240 |
|---------------|------------------|
| <b>Length</b> | 4.98"            |
| <b>Width</b>  | 4.00"            |
| <b>Depth</b>  | 2.62"            |



Luminii is a Lutron OEM Advantage Partner

Lutron Power Supplies 0.1%

MODEL

**L3D0-96W24V-U**

HiLume™ 0.1% EcoSystem Voltage LED Driver with Soft-On, Fade-to-Black™ 96W max

| MODELS        | L3D0   |
|---------------|--------|
| <b>Length</b> | 10.50" |
| <b>Width</b>  | 5.50"  |
| <b>Depth</b>  | 2.00"  |

