



### Features

LineLED Wet Tube is a small profile, energy efficient LED strip for IP65, IP67, and IP68 rated wet installations. LineLED Wet Tube offers excellent color quality with CRI and R9 values up to 97 as well as multiple output options and a wide angle 120° beam. With a durable but flexible circuit board, LineLED Wet Tube is also easy to install.

To maintain IP65, IP67, and IP68 rating, LineLED Wet Tube is factory sealed and bonded. Order in exact lengths required for install, LineLED Wet Tube is not field cuttable. IP rating of strip is equal to the lowest IP rating of section start and end options.

### Mounting

LED strip is equipped with 3M™ adhesive transfer tape (9472LE).

### Applications

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

### Approvals

IP65, IP67, and IP68 rated

### Operating voltage

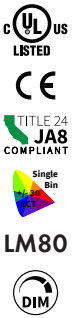
24 VDC

### Life (L70)

50,000 hours

### Warranty

3 years



## Technical information

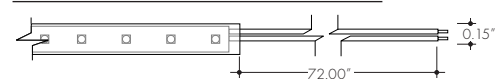
| Model                                        | LL42 WET         |           |           |
|----------------------------------------------|------------------|-----------|-----------|
| Output Options                               | SO               | HO        | VHO       |
| Light Output (3000K)                         | 120 lm/ft        | 200 lm/ft | 290 lm/ft |
| Average Power Consumption (for a 4' section) | 1.4 W/ft         | 2.4 W/ft  | 3.6 W/ft  |
| Efficacy                                     | 93 lm/W          | 94 lm/W   | 88 lm/W   |
| Cutting Increment (in)                       | 1.97"            |           |           |
| Pitch Length                                 | 0.28"            |           |           |
| Max Run Length (in series)                   | 55 ft            | 45 ft     | 35 ft     |
| Dimensions                                   | 0.47"W x 0.24" H |           |           |

| CCT   | Multiplier (reference - 3000K) | CRI | TM-30          |                |                |
|-------|--------------------------------|-----|----------------|----------------|----------------|
|       |                                |     | R <sub>f</sub> | R <sub>g</sub> | R <sub>9</sub> |
| 2700K | 0.74                           | 97  | 96             | 101            | 91             |
| 3000K | 1.00                           | 97  | 95             | 104            | 97             |
| 3500K | 1.02                           | 97  | 94             | 105            | 97             |
| 4100K | 1.07                           | 97  | 90             | 99             | 97             |

### SECTION START/END OPTIONS

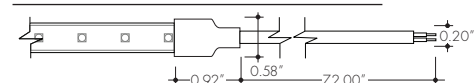
#### SL65

72" Soldered Leads, IP65 rated



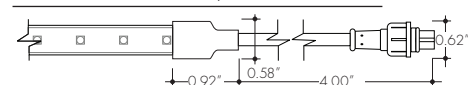
#### SL68

72" Soldered Leads, IP68 rated



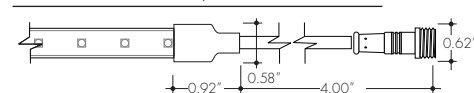
#### F

Female Quick Connect End, IP67 rated



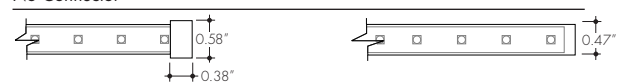
#### M

Male Quick Connect End, IP67 rated



#### NC

No Connector



IP68 rated when used with SL68 selection

IP65 rated when used with SL65 selection

IP67 rated when used with M or F selection

## Ordering code

| MODEL                    | ENCLOSURE | OUTPUT <sup>1</sup>                     | CCT                                              | SECTION START <sup>2</sup>                                                                                                                                | SECTION END <sup>2</sup>                                                                                                                                  | LENGTH                                                              |
|--------------------------|-----------|-----------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| LL42WET-LineLED LL42 Wet | T-Tube    | SO-Standard<br>HO-High<br>VHO-Very High | 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>F-IP67 Female Quick Connect<br>M-IP67 Male Quick Connect<br>NC-No Connector | SL65-IP65 Soldered lead wires (72")<br>SL68-IP68 Soldered lead wires (72")<br>F-IP67 Female Quick Connect<br>M-IP67 Male Quick Connect<br>NC-No Connector | view table above for order increment options and maximum run length |

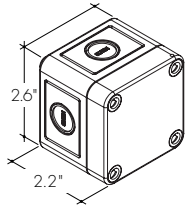
1 - All outputs and CCTs combination be used to comply Title 24 JA8.

2 - IP rating of strip is equal to the lowest IP rating of section start and end options.

Accessories

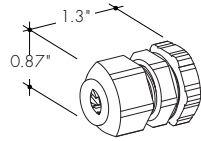
**LVSP-WET**

Splice box: wet rated, low voltage, gray



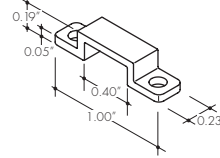
**LVSP-WET-CAM**

Connector for splice box, low voltage for cable management, gray.



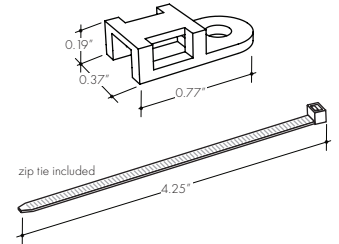
**CL - 1**

Mounting clip recommended every 12" when LineLED strip is facing down



**LL.ZIP**

Strain relief clip for wire management



Lens Options / Light Transmission

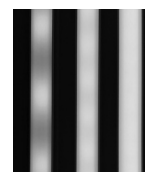
- C**  
Clear
- HF**  
Half (50%)  
Frosted
- G**  
Graze
- SI**  
Satin Ice
- S**  
Square  
Frosted
- Q**  
Round Square  
Frosted
- F**  
Frosted
- M**  
Medium Beam  
Frosted
- R**  
Raised
- C36**  
Clear 36°  
Beam Angle
- C10**  
Clear 10°  
Beam Angle

|                                                                                                              |                                                                                                     |                                                                         |                                                                                    |                                                                      |
|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| <p><b>KM Channel (KMC-XX)</b></p> <p><b>C</b> 71% <b>F</b> 42% <b>HF</b> 58% <b>C10</b> 67% <b>R</b> 39%</p> | <p><b>K45V Channel (K45VC-XX)</b></p> <p><b>C</b> 71% <b>F</b> 42% <b>HF</b> 58% <b>C10</b> 67%</p> | <p><b>K45R Channel (K45RC-XX)</b></p> <p><b>F</b> 42%</p>               | <p><b>KXL Channel (KXLC-XX)</b></p> <p><b>C</b> 74% <b>F</b> 46% <b>HF</b> 61%</p> | <p><b>CLA Channel (CLAC-XX)</b></p> <p><b>S</b> 62% <b>Q</b> 63%</p> |
| <p><b>KRM Channel (KRMC-XX)</b></p> <p><b>C</b> 71% <b>F</b> 42% <b>HF</b> 58%</p>                           | <p><b>KRXL Channel (KRXL-XX)</b></p> <p><b>C</b> 74% <b>F</b> 46% <b>HF</b> 61%</p>                 | <p><b>ALS20 Channel (ALS20-XX)</b></p> <p><b>C</b> 78% <b>F</b> 43%</p> |                                                                                    |                                                                      |

**LED Dotting per extrusion**

using the frosted lens option

| Extrusion               | LL42 |
|-------------------------|------|
| KMC, KRMC, K45VC, K45RC | ND   |
| KXLC, KRXL              | ND   |
| ALS20                   | ND   |
| CLAC                    | ND   |



**CD** - Clear Dotting  
**SD** - Slight Dotting  
**ND** - No Dotting

**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).

### Power Consumption

Per linear foot, tested at full power with PSD Series power supplies

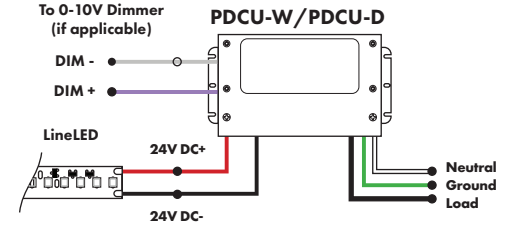
| Nominal Length | LL42 |               |      |               |      |               |    |      |               |      |               |      |               |
|----------------|------|---------------|------|---------------|------|---------------|----|------|---------------|------|---------------|------|---------------|
|                | SO   |               | HO   |               | VHO  |               |    | SO   |               | HO   |               | VHO  |               |
|                | W/ft | Total wattage | W/ft | Total wattage | W/ft | Total wattage |    | W/ft | Total wattage | W/ft | Total wattage | W/ft | Total wattage |
| 1              | 1.2  | 1.2           | 2.2  | 2.2           | 3.2  | 3.2           | 37 | 1.2  | 44.0          | 1.8  | 66.3          |      |               |
| 2              | 1.2  | 2.4           | 2.5  | 4.9           | 3.2  | 6.4           | 38 | 1.2  | 44.8          | 1.8  | 67.4          |      |               |
| 3              | 1.4  | 4.2           | 2.4  | 7.2           | 3.5  | 10.4          | 39 | 1.2  | 45.7          | 1.8  | 68.4          |      |               |
| 4              | 1.4  | 5.4           | 2.4  | 9.4           | 3.6  | 14.4          | 40 | 1.2  | 46.6          | 1.7  | 69.4          |      |               |
| 5              | 1.4  | 7.2           | 2.3  | 11.5          | 3.6  | 18.1          | 41 | 1.2  | 47.3          | 1.7  | 70.3          |      |               |
| 6              | 1.4  | 8.6           | 2.3  | 13.6          | 3.6  | 21.3          | 42 | 1.1  | 48.0          | 1.7  | 71.3          |      |               |
| 7              | 1.4  | 9.9           | 2.3  | 15.9          | 3.6  | 25.3          | 43 | 1.1  | 48.8          | 1.7  | 72.2          |      |               |
| 8              | 1.4  | 11.1          | 2.3  | 18.1          | 3.6  | 28.9          | 44 | 1.1  | 49.5          | 1.7  | 73.2          |      |               |
| 9              | 1.4  | 12.4          | 2.3  | 20.3          | 3.5  | 31.6          | 45 | 1.1  | 50.2          | 1.6  | 74.1          |      |               |
| 10             | 1.4  | 13.9          | 2.3  | 23.0          | 3.5  | 34.7          | 46 | 1.1  | 50.9          |      |               |      |               |
| 11             | 1.4  | 15.4          | 2.3  | 25.0          | 3.4  | 37.3          | 47 | 1.1  | 51.6          |      |               |      |               |
| 12             | 1.4  | 16.4          | 2.3  | 27.2          | 3.3  | 40.0          | 48 | 1.1  | 52.4          |      |               |      |               |
| 13             | 1.4  | 17.9          | 2.2  | 29.1          | 3.3  | 42.7          | 49 | 1.1  | 53.1          |      |               |      |               |
| 14             | 1.4  | 19.1          | 2.2  | 31.1          | 3.3  | 45.6          | 50 | 1.1  | 53.8          |      |               |      |               |
| 15             | 1.4  | 20.3          | 2.2  | 32.6          | 3.2  | 48.2          | 51 | 1.1  | 54.4          |      |               |      |               |
| 16             | 1.4  | 21.6          | 2.2  | 35.0          | 3.2  | 51.1          | 52 | 1.1  | 55.0          |      |               |      |               |
| 17             | 1.3  | 22.6          | 2.1  | 36.5          | 3.1  | 53.5          | 53 | 1.1  | 55.7          |      |               |      |               |
| 18             | 1.3  | 23.8          | 2.1  | 37.9          | 3.1  | 55.6          | 54 | 1.0  | 56.3          |      |               |      |               |
| 19             | 1.3  | 25.0          | 2.1  | 39.8          | 3.1  | 58.1          | 55 | 1.0  | 56.9          |      |               |      |               |
| 20             | 1.3  | 26.5          | 2.2  | 43.4          | 3.0  | 60.1          |    |      |               |      |               |      |               |
| 21             | 1.3  | 27.5          | 2.1  | 45.0          | 3.0  | 62.3          |    |      |               |      |               |      |               |
| 22             | 1.3  | 28.8          | 2.1  | 46.6          | 2.9  | 64.6          |    |      |               |      |               |      |               |
| 23             | 1.3  | 30.0          | 2.1  | 48.2          | 2.9  | 67.0          |    |      |               |      |               |      |               |
| 24             | 1.3  | 31.3          | 2.1  | 49.8          | 2.9  | 69.3          |    |      |               |      |               |      |               |
| 25             | 1.3  | 32.5          | 2.1  | 51.4          | 2.9  | 71.6          |    |      |               |      |               |      |               |
| 26             | 1.3  | 33.5          | 2.0  | 52.7          | 2.8  | 73.2          |    |      |               |      |               |      |               |
| 27             | 1.3  | 34.5          | 2.0  | 54.1          | 2.8  | 74.8          |    |      |               |      |               |      |               |
| 28             | 1.3  | 35.6          | 2.0  | 55.4          | 2.7  | 76.5          |    |      |               |      |               |      |               |
| 29             | 1.3  | 36.6          | 2.0  | 56.8          | 2.7  | 78.1          |    |      |               |      |               |      |               |
| 30             | 1.3  | 37.6          | 1.9  | 58.1          | 2.7  | 79.7          |    |      |               |      |               |      |               |
| 31             | 1.2  | 38.5          | 1.9  | 59.3          | 2.6  | 81.1          |    |      |               |      |               |      |               |
| 32             | 1.2  | 39.4          | 1.9  | 60.6          | 2.6  | 82.5          |    |      |               |      |               |      |               |
| 33             | 1.2  | 40.4          | 1.9  | 61.8          | 2.5  | 83.8          |    |      |               |      |               |      |               |
| 34             | 1.2  | 41.3          | 1.9  | 63.1          | 2.5  | 85.2          |    |      |               |      |               |      |               |
| 35             | 1.2  | 42.2          | 1.8  | 64.3          | 2.5  | 86.6          |    |      |               |      |               |      |               |
| 36             | 1.2  | 43.1          | 1.8  | 65.3          |      |               |    |      |               |      |               |      |               |

### 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.

#### Universal Power Supply 1% 120VAC - 277VAC

| MODEL                    | POWER                                                | OUTPUT      |
|--------------------------|------------------------------------------------------|-------------|
| PDCU-D - IP20 Dry Series | 30 - 30 W<br>60 - 60 W<br>96 - 96 W<br>3X96 - 3X96 W | 24 - 24 VDC |
| PDCU-W - IP66 Wet Series | 96 - 96 W<br>3X96 - 3X96 W                           |             |

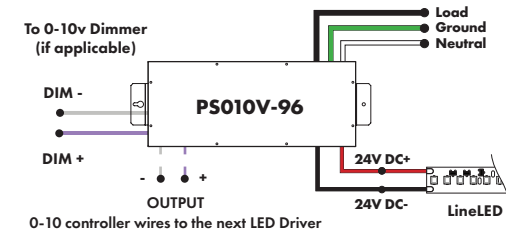


0-10V dims down to 1%, MLV/ELV/TRIAC dims down to 1%.  
For a complete list of compatible dimmers, see [Compatible Dimming Chart](#) on the Resources page.

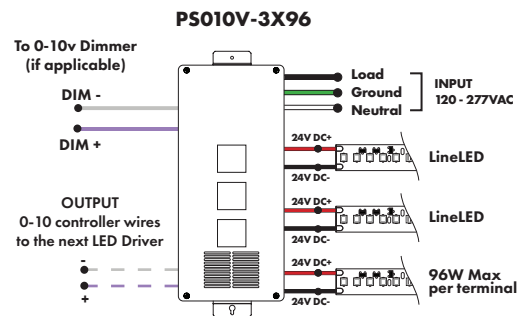
| MODELS        | PDCU-W 96W | PDCU-W 3X96W | PDCU-D 30W | PDCU-D 60W | PDCU-D 96W | PDCU-D 3X96W |
|---------------|------------|--------------|------------|------------|------------|--------------|
| <b>Length</b> | 8.66"      | 11.85"       | 6.10"      | 7.93"      | 8.25"      | 9.57"        |
| <b>Width</b>  | 3.73"      | 4.32"        | 3.35"      | 3.35"      | 4.10"      | 5.94"        |
| <b>Depth</b>  | 1.61"      | 1.81"        | 1.33"      | 1.32"      | 1.56"      | 1.13"        |

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

| MODEL                                            | POWER                              | OUTPUT      | DIMMING                           |
|--------------------------------------------------|------------------------------------|-------------|-----------------------------------|
| PS010V - 0-10V Power Supply<br>dims down to 0.1% | 96 - 96 Watt<br>3X96 - 3 X 96 Watt | 24 - 24 VDC | LIN - Linear<br>LOG - Logarithmic |



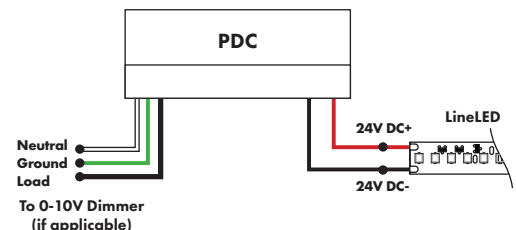
| MODELS        | 96W    | 3X96   |
|---------------|--------|--------|
| <b>Length</b> | 14.40" | 15.75" |
| <b>Width</b>  | 5.20"  | 6.62"  |
| <b>Depth</b>  | 2.60"  | 4.95"  |



#### Triac, MLV, ELV, & PWM Compatible Dimmers

| MODEL                     | POWER         | OUTPUT      |
|---------------------------|---------------|-------------|
| PDC - (IP20) Power Supply | 96 - 96 Watts | 24 - 24 VDC |

| MODELS        | 96W   |
|---------------|-------|
| <b>Length</b> | 8.25" |
| <b>Width</b>  | 4.10" |
| <b>Depth</b>  | 1.56" |



## Power Supplies

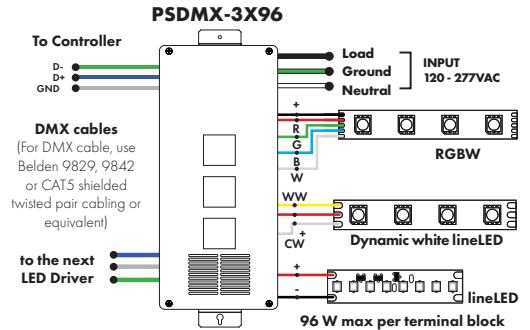
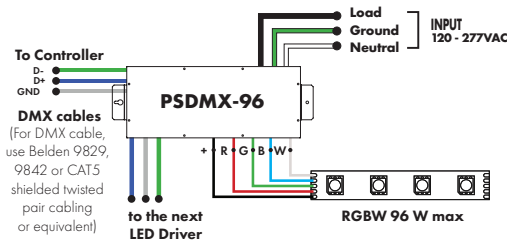
See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

### DMX Dimming Power Supplies 120VAC - 277VAC

| MODEL                                       | POWER                              | OUTPUT      |
|---------------------------------------------|------------------------------------|-------------|
| PSDMX - DMX Power Supply<br>dims down to 0% | 96 - 96 Watt<br>3X96 - 3 X 96 Watt | 24 - 24 VDC |

Features eldoLED's LINEARdrive configurable dimmable drivers

| MODELS | 96W    | 3X96   |
|--------|--------|--------|
| Length | 14.40" | 15.75" |
| Width  | 5.20"  | 6.62"  |
| Depth  | 2.60"  | 4.95"  |

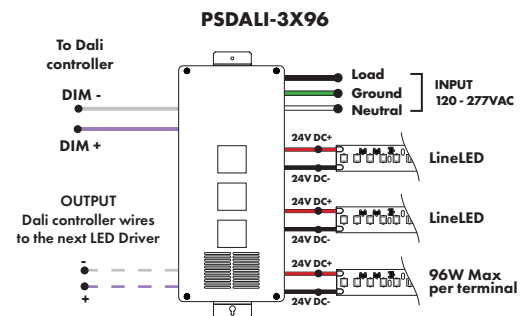
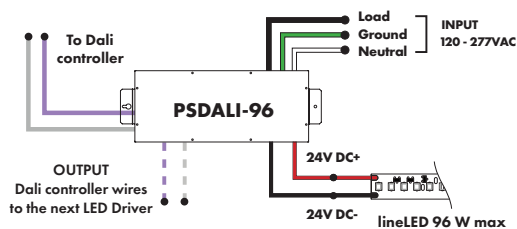


### DALI 0% Dimming Power Supplies 120VAC - 277VAC

| MODEL                                         | POWER                              | OUTPUT      |
|-----------------------------------------------|------------------------------------|-------------|
| PSDALI - DALI Power Supply<br>dims down to 0% | 96 - 96 Watt<br>3X96 - 3 X 96 Watt | 24 - 24 VDC |

Features eldoLED's LINEARdrive configurable dimmable drivers

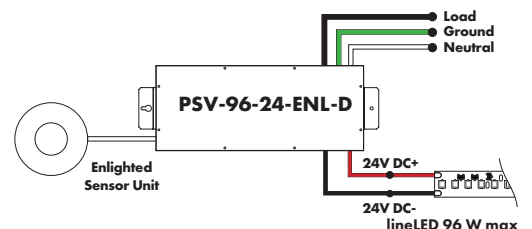
| Model  | 96W    | 3X96   |
|--------|--------|--------|
| Length | 14.40" | 15.75" |
| Width  | 5.20"  | 6.62"  |
| Depth  | 2.60"  | 4.95"  |



### Enlighted Enabled Dimming Power Supplies 120VAC - 277VAC

| MODEL            | POWER        | OUTPUT      | DIMMING                                    | LOCATION |
|------------------|--------------|-------------|--------------------------------------------|----------|
| PSV - PSV Series | 96 - 96 Watt | 24 - 24 VDC | ENL - Enlighted Dimming<br>dims down to 0% | D - Damp |

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



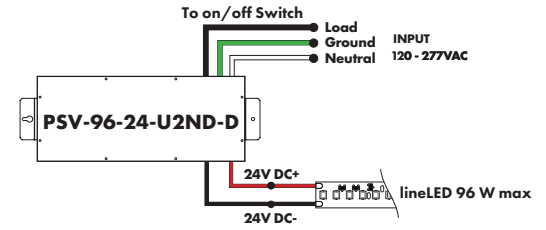
## Power Supplies

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.

### Non-Dimming Power Supply 120VAC - 277VAC

| MODEL            | POWER        | OUTPUT      | DIMMING            | LOCATION |
|------------------|--------------|-------------|--------------------|----------|
| PSV - PSV Series | 96 - 96 Watt | 24 - 24 VDC | U2ND - Non Dimming | D - Damp |

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

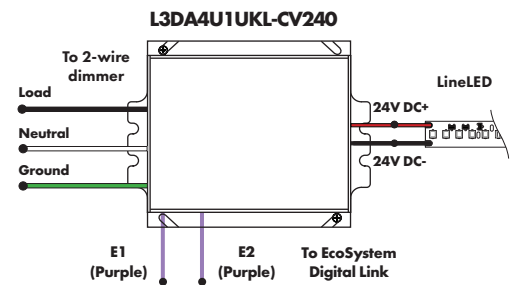
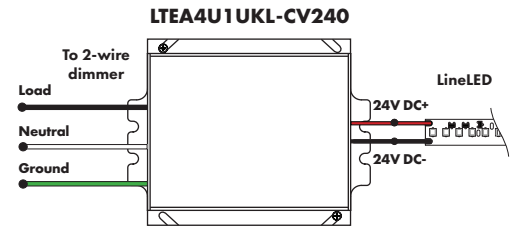


Luminii is a Lutron OEM Advantage Partner

### Lutron Power Supplies 1%

| MODEL                                            | MODEL                                              |
|--------------------------------------------------|----------------------------------------------------|
| <b>LTEA4U1UKL-CV240</b>                          | <b>L3DA4U1UKL-CV240</b>                            |
| Lutron - HiLume™ 1% 2-wire LED Driver<br>40W max | HiLume™ 1% EcoSystem Voltage LED driver<br>40W max |
| (120V forward phase only)                        |                                                    |

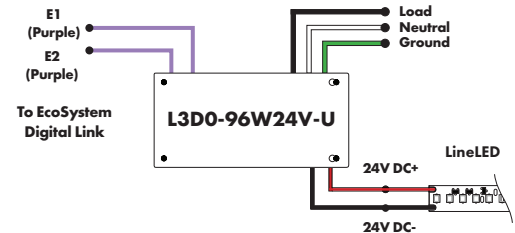
| MODELS | LTEA4U1UKL-CV240 | L3DA4U1UKL-CV240 |
|--------|------------------|------------------|
| Length | 4.89"            | 4.98"            |
| Width  | 4.00"            | 4.00"            |
| Depth  | 2.62"            | 2.62"            |



Luminii is a Lutron OEM Advantage Partner

### Lutron Power Supplies 0.1%

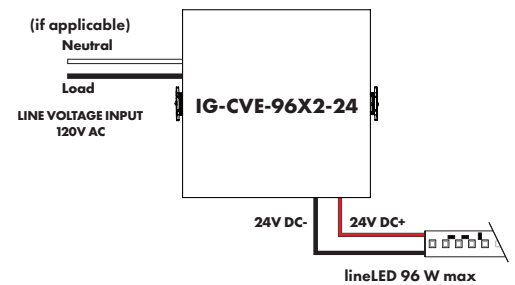
| MODEL                                                                             | MODELS | L3D0   |
|-----------------------------------------------------------------------------------|--------|--------|
| <b>L3D0-96W24V-U</b>                                                              | Length | 10.50" |
| HiLume™ 0.1% EcoSystem Voltage LED Driver with Soft-On, Fade-to-Black™<br>96W max | Width  | 5.50"  |
|                                                                                   | Depth  | 2.00"  |



### In-Ground Power Supplies

| MODEL                     | POWER                                                                       | OUTPUT             | INPUT                            |
|---------------------------|-----------------------------------------------------------------------------|--------------------|----------------------------------|
| IG - In ground CVE Series | CVE - ELV Dimming<br>DALI - eidoLED Dali<br>dimming<br>Both dims down to 0% | 96X2 - 2 X 96 Watt | 24 - 24 VDC                      |
|                           |                                                                             |                    | Blank - 120 V<br>277 - 240/277 V |

| MODELS | Dual Circuit |
|--------|--------------|
| Length | 8.40"        |
| Width  | 8.30"        |
| Depth  | 8.10"        |



**Legacy Conversion**

|            | Legacy LL Tapes |      |     | NEW LL Tapes  |      |     |    |
|------------|-----------------|------|-----|---------------|------|-----|----|
|            | lm/ft           | W/ft | LPW | lm/ft         | W/ft | LPW |    |
| LL18WET-T  | 121             | 1.5  | 81  | LL42WET-T-SO  | 130  | 1.4 | 93 |
| LL30WET-T  | 190             | 2.5  | 76  | LL42WET-T-HO  | 225  | 2.4 | 94 |
| LL36WET-T  | 244             | 3.0  | 81  |               |      |     |    |
| LL54WET-T  | 353             | 4.5  | 78  | LL42WET-T-VHO | 320  | 3.6 | 88 |
| LLX18WET-T | 371             | 4.9  | 80  |               |      |     |    |