Linear Illumination System

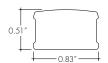


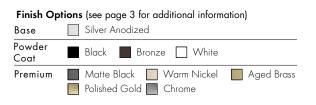
Features



- 24VDC Class 2 and IP68 rated for wet locations, fixtures made to order up to 144". Fixtures can be linked up to 48' depending on output
- Suitable for surface mount, direct view, outdoor, wet, and accent lighting applications
- Dot free even illumination with frosted lens
- Proprietary strong bond solder method handles up to 50 lbs of pull force on wire leads and connectors
- High Color Quality options offer premium quality and vibrant colors with R9 values up to 97
- High Efficacy options offer best in class output and efficacy with over 740 lm/ft and up to 105 lm/W
- Average Life (L70): 50,000hrs
- 3 year warranty









Technical Information

| MODEL | High Color Quality | | High E | fficacy | | High Efficacy |
|--|---------------------------------|-----------|-----------|---------------------|-----------|---------------------------------|
| OUTPUT OPTIONS | 60X2HO | HE48LO | HE48SO | HE48MO | HE48HO | HE64VHO |
| Lumens Output (3000K) (with a Clear Lens) | 499 lm/ft | 198 lm/ft | 274 lm/ft | 366 lm/ft | 587 lm/ft | 744 lm/ft |
| Average Power Consumption (for a 4' section) | 7.3 W/ft | 1.9 W/ft | 2.8 W/ft | 3.5 W/ft | 6.5 W/ft | 7.5 W/ft |
| Efficacy | 68 lm/W | 104 lm/W | 98 lm/W | 105 lm/W | 90 lm/W | 99 lm/W |
| Max Run Length (in series) | 26 ft | 48 ft | 42 ft | 33 ft | 21 ft | 15 ft |
| Ambient Operating Temperature Range* | -15°F - 115°F (-25°C - 45°C) | | | - 125°F - 50°C) | | -15°F - 115°F (-25°C - 45°C) |

^{*}Ambient Operating Temperature Range to maintain L70 of 50k+ hours in normal mounting conditions for the fixture. Exceeding Ambient Operating Temperature Range may result in decreased life/output. Consult Technical Support for specific inquiries.

High Color Quality (60X2)

| ССТ | Multiplier | | TM | -30 | |
|-------|---------------------|-----|----|-------|----|
| CCI | (reference - 3000K) | CRI | Rf | R_g | R9 |
| 2700K | 0.97 | 97 | 96 | 99 | 93 |
| 3000K | 1.00 | 96 | 95 | 99 | 92 |
| 3500K | 1.01 | 96 | 95 | 100 | 94 |
| 4000K | 1.34 | 97 | 96 | 102 | 92 |

High Efficacy (HE48/HE64)

| ССТ | Multiplier | | TM | -30 | |
|-------|---------------------|-----|----|-------|----|
| | (reference - 3000K) | CRI | Rf | R_g | R9 |
| 2700K | 0.94 | 92 | 90 | 99 | 46 |
| 3000K | 1.00 | 92 | 89 | 99 | 62 |
| 3500K | 1.02 | 92 | 89 | 99 | 58 |
| 4000K | 1.02 | 92 | 86 | 94 | 52 |

Ordering Code

| MODEL | LENGTH ¹ | OUTPUT ² | CCT | LENS | MOUNTING | FINISH ³ | FEED POSITION LEFT ⁵ | FEED POSITION RIGHT ⁵ |
|---------------------|-----------------------------|--|--|---------------------------|--|---|--|--|
| | - | | - | - | - | | | - |
| KXLW - Kendo XL Wet | 12" - 144" 2" increments | 60X2HO-High | 27K-2700K 30K-3000K 35K-3500K 40K-4000K | C-Clear Lens F-Frosted | FC-Fixed Clip A-Adjustable Hinge -Mounting, up to 90° FC45-Fixed Clip 45° | BASE SA-Silver Anodized POWDER COAT BK-Black BZ-Bronze WH-White | WIRE LEADS (72") LWE - Wire End Feed LWB - Wire Back Feed LNPF - No Power Feed | WIRE LEADS (72") RWE-Wire End Feed RWB-Wire Back Feed RNPF-No Power Feed |
| | | HE48LO-Low HE48SO-Standard HE48MO-Medium HE48HO-High HE64VHO-Very High | 27K-2700K 30K-3000K 35K-3500K 40K-4000K | | | PREMIUM MBK - Matte Black WN - Warm Nickel AB - Aged Brass PG - Polished Gold ⁴ CH - Chrome ⁴ | QUICK CONNECTS (6") LFE - Female Q/C, End Feed LFB - Female Q/C, Back Feed LNPF - No Power Feed | QUICK CONNECTS (6") RFE-Female Q/C, End Feed RFB-Female Q/C, Back Feed RNPF-No Power Feed |

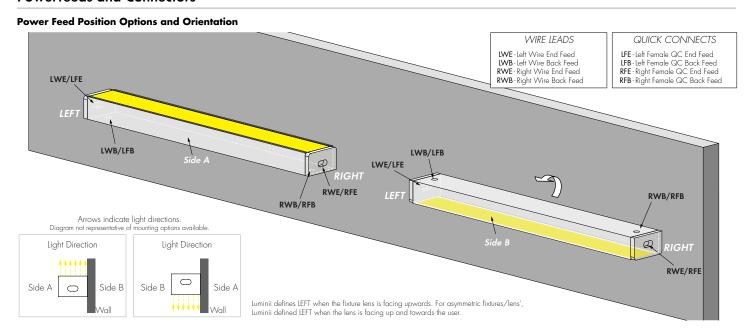
*LUMINII RESERVES THE RIGHTS TO CHANGE SPECIFICATION & INSTRUCTION WITHOUT NOTICE

Custom lengths and increments are available, please consult Inside Sales with specific request.
 All High Efficacy options can be used to comply with Title 24 JA8. High Color Quality options can be used to comply with Title 24 JA8 depending on Output, CCT, and Lens selections, see multiplier charts to calculate specific efficacies.

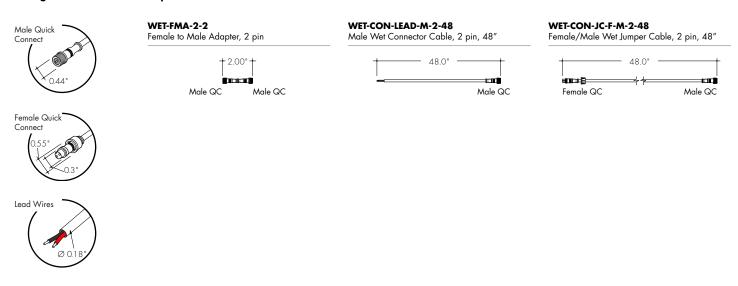
^{3 -} Non Base finishes may have extended lead times. Custom RAIs are available, please consult Inside Sales with specific request. 4 - Polished Gold finishes and Chrome finishes have a maximum fixture length of 96°. 5 - LNPF - RNPF is not a valid configuration option



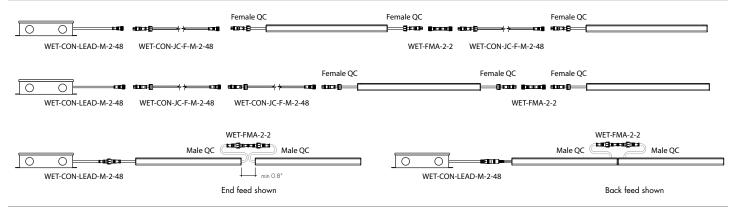
Powerfeeds and Connectors



Linking and Extension Cable Options

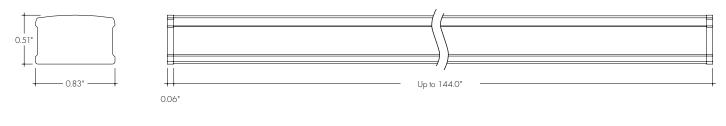


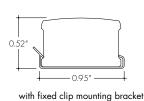
Sample Layout





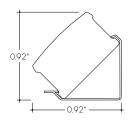
Product Dimensions





Up to 90°
with adjustable hinge mounting bracket,

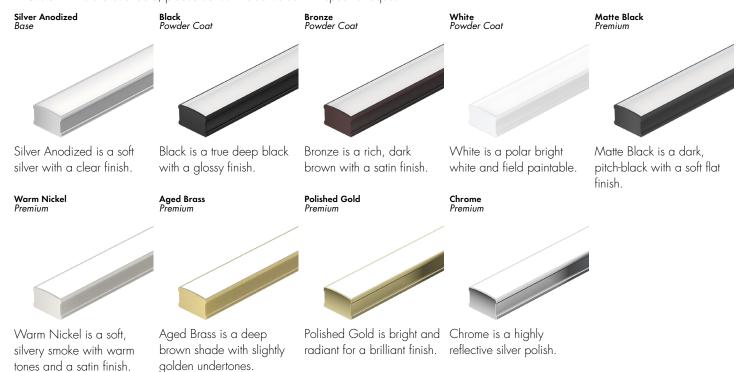
Up to 90°



with fixed clip 45° mounting bracket

Finish Options

- Finish options are available in a wide variety, allowing for complete customization of style and aesthetic.
- Non Base finishes may have extended lead times and price adder.
- Polished Gold and Chrome finishes have a maximum fixture length of 96".
- Custom RALs are available, please consult Inside Sales with specific request.

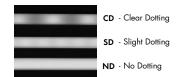




Light Transmission and Dotting

Lens/Accessory

| Output Options | | Clear | Lens | | | Froste | d Lens | |
|-------------------------|------|-------|------|----|------|--------|--------|----|
| Dimming Level | 100% | 50% | 10% | 1% | 100% | 50% | 10% | 1% |
| 60X2HO | CD | CD | CD | CD | ND | ND | ND | ND |
| HE48LO | CD | CD | CD | CD | ND | ND | ND | ND |
| HE48SO | CD | CD | CD | CD | ND | ND | ND | ND |
| HE48MO | CD | CD | CD | CD | ND | ND | ND | ND |
| HE48HO | CD | CD | CD | CD | ND | ND | ND | ND |
| HE64VHO | CD | CD | CD | CD | ND | ND | ND | ND |
| Transmission Percentage | | 10 | 0% | | | 58 | 3% | |



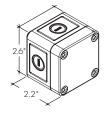
Accessory Options

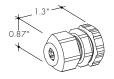
LVSP-WET

Splice box: wet rated, low voltage, gray

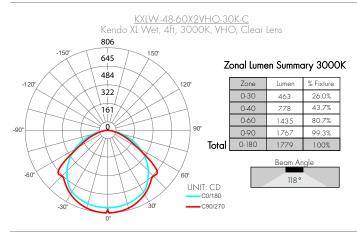
LVSP-WET-CM

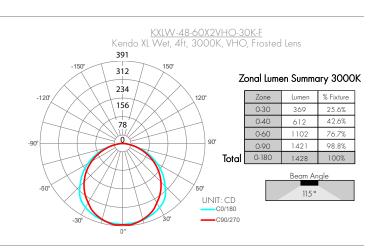
Connector for splice box, low voltage for cable management, gray.





Photometry







Power Consumption

Tested at Full Power with PS-UNI Series power supplies.

Standard Nominal Lengths offered provide minimal shadowing. For alternate lengths, please contact factory with specific request.

High Color Quality (60X2)

| | I | | | | | | | | | | |
|-------------------|--------------------|--------------|-------------------|--------------------|-------|-------------------|-----------|--------------|-------------------|--------------------|-------|
| Nominal Length | End Feed Actual | Watts | Nominal Length | End Feed Actual | Watts | Nominal Length | Actual | Watts | Nominal Length | End Feed Actual | Watts |
| (in) | Length* | НО | (in) | Length* | НО | (in) | Length* | НО | (in) | Length* | НО |
| 12 | 10 11/16 | 8.3 | 47 | | | 82 | 81 | 45.4 | 117 | 116 3/16 | 61.1 |
| 13 | 12 2/16 | 8.3 | 48 | 47 4/16 | 28.2 | 83 | 82 7/16 | 46.3 | 118 | 117 9/16 | 62.1 |
| 14 | 13 8/16 | 8.9 | 49 | 48 11/16 | 29.3 | 84 | 83 13/16 | 46.7 | 119 | 119 | 62.5 |
| 15 | 14 15/16 | 9.5 | 50 | | - | 85 | | - | 120 | - | - |
| 16 | - | _ | 51 | 50 1/16 | 29.9 | 86 | 85 4/16 | 47.2 | 121 | 120 6/16 | 63.5 |
| 17 | 16 5/16 | 10.1 | 52 | 51 8/16 | 31.0 | 87 | 86 10/16 | 48.1 | 122 | 121 13/16 | 63.8 |
| 18 | 17 12/16 | 11.3 | 53 | 52 14/16 | 31.5 | 88 | | - | 123 | _ | _ |
| 19 | - | - | 54 | | - | 89 | 88 1/16 | 48.5 | 124 | 123 3/16 | 64.2 |
| 20 | 19 2/16 | 11.9 | 55 | 54 5/16 | 32.1 | 90 | 89 7/16 | 49.4 | 125 | 124 10/16 | 64.9 |
| 21 | 20 9/16 | 13.1 | 56 | 55 11/16 | 33.1 | 91 | 90 14/16 | 49.9 | 126 | - | - |
| 22 | 21 15/16 | 13.7 | 57 | - | _ | 92 | - | - | 127 | 126 | 65.2 |
| 23 | - | _ | 58 | 57 2/16 | 33.7 | 93 | 92 4/16 | 50.3 | 128 | 127 7/16 | 65.9 |
| 24 | 23 6/16 | 14.3 | 59 | 58 8/16 | 34.8 | 94 | 93 11/16 | 51.2 | 129 | 128 13/16 | 66.3 |
| 25 | 24 12/16 | 15.5 | 60 | 59 15/16 | 35.3 | 95 | _ | _ | 130 | _ | _ |
| 26 | - | _ | 61 | _ | _ | 96 | 95 1/16 | 51. <i>7</i> | 131 | 130 4/16 | 66.6 |
| 27 | 26 3/16 | 16.1 | 62 | 61 5/16 | 35.9 | 97 | 96 8/16 | 52.6 | 132 | 131 10/16 | 67.3 |
| 28 | 27 9/16 | 17.3 | 63 | 62 12/16 | 36.9 | 98 | 97 14/16 | 53.0 | 133 | _ | _ |
| 29 | 29 | 17.9 | 64 | _ | _ | 99 | _ | _ | 134 | 133 1/16 | 67.6 |
| 30 | _ | _ | 65 | 64 2/16 | 37.4 | 100 | 99 5/16 | 53.5 | 135 | 134 7/16 | 68.2 |
| 31 | 30 6/16 | 19.1 | 66 | 65 9/16 | 38.4 | 101 | 100 11/16 | 54.4 | 136 | 135 14/16 | 68.5 |
| 32 | 31 13/16 | 19. <i>7</i> | 67 | 66 15/16 | 38.9 | 102 | _ | _ | 137 | - | _ |
| 33 | - | _ | 68 | _ | _ | 103 | 102 2/16 | 54.8 | 138 | 137 4/16 | 68.8 |
| 34 | 33 3/16 | 20.3 | 69 | 68 6/16 | 39.4 | 104 | 103 8/16 | 55.7 | 139 | 138 11/16 | 69.3 |
| 35 | 34 10/16 | 21.6 | 70 | 69 12/16 | 40.4 | 105 | 104 15/16 | 56.1 | 140 | _ | _ |
| 36 | _ | _ | 71 | | _ | 106 | | _ | 141 | 140 1/16 | 69.6 |
| 37 | 36 | 22.2 | 72 | 71 3/16 | 40.9 | 107 | 106 5/16 | 56.5 | 142 | 141 8/16 | 70.2 |
| 38 | 37 7/16 | 23.3 | 73 | 72 9/16 | 41.9 | 108 | 107 12/16 | 57.4 | 143 | 142 14/16 | 70.5 |
| 39 | 38 13/16 | 23.9 | 74 | 74 | 42.4 | 109 | | _ | 144 | _ | _ |
| 40 | _ | _ | 75 | _ | _ | 110 | 109 2/16 | 57.9 | | | |
| 41 | 40 4/16 | 24.4 | 76 | 75 6/16 | 43.2 | 111 | 110 9/16 | 58.8 | = | | |
| 42 | 41 10/16 | 25.5 | 77 | 76 13/16 | 43.7 | 112 | 111 15/16 | 59.3 | _ | | |
| 43 | _ | _ | 78 | _ | _ | 113 | _ | _ | - | | |
| 44 | 43 1/16 | 26.0 | 79 | 78 3/16 | 44.1 | 114 | 113 6/16 | 59.7 | - | | |
| 45 | 44 7/16 | 27.1 | 80 | 79 10/16 | 45.0 | 115 | 114 12/16 | 60.7 | _ | | |
| 46 | 45 14/16 | 27.7 | 81 | _ | _ | 116 | _ | _ | - | | |
| | , | | | | | | | | | | |



Power Consumption

Tested at Full Power with PS-UNI Series power supplies.

Standard Nominal Lengths offered provide minimal shadowing. For alternate lengths, please contact factory with specific request.

High Efficacy (HE48)

| Nominal | End Feed | | W | 'atts | | Nominal | End Feed | | W | atts | | Nominal | End Fee | 4 | | Wo | atts | | Nominal | End Feed | | W | atts | |
|----------------|-------------------|-----|------|-------|------|----------------|-------------------|------|------|------|------|----------------|-------------------|-------|-----|------|------|------|----------------|-------------------|------|------|------|------|
| Length (in) | Actual Length* | LO | so | МО | но | Length (in) | Actual Length* | LO | so | МО | но | Length (in) | Actual Length* | L | .0 | so | МО | но | Length (in) | Actual Length* | LO | so | МО | НО |
| 12 | 10 11/16 | 1.7 | 2.5 | 3.5 | 5.7 | 47 | 46 2/16 | 6.9 | 10.7 | 13.3 | 24.7 | 82 | 81 9/1 | 6 12 | 2.5 | 19.9 | 23.9 | 42.2 | 117 | _ | _ | - | - | _ |
| 13 | 12 11/16 | 1.7 | 2.5 | 3.5 | 5.7 | 48 | _ | _ | _ | - | _ | 83 | _ | | - | _ | _ | _ | 118 | 117 | 17.5 | 27.7 | 34.3 | 58.7 |
| 14 | _ | _ | - | _ | _ | 49 | 48 2/16 | 7.1 | 11.2 | 13.9 | 25.4 | 84 | 83 9/1 | 6 12 | 2.8 | 20.3 | 24.5 | 43.1 | 119 | 119 | 17.8 | 28.1 | 34.9 | 59.6 |
| 15 | 14 10/16 | 2.0 | 3.0 | 4.0 | 7.2 | 50 | - | _ | _ | _ | _ | 85 | _ | | - | - | _ | _ | 120 | _ | _ | - | - | _ |
| 16 | _ | - | - | - | - | 51 | 50 1/16 | 7.4 | 11.7 | 14.5 | 26.3 | 86 | 85 8/1 | 6 13 | 3.1 | 20.8 | 25.1 | 44.1 | 121 | 120 15/16 | 18.1 | 28.6 | 35.5 | 60.5 |
| 17 | 16 10/16 | 2.4 | 3.5 | 4.6 | 8.7 | 52 | | _ | - | _ | _ | 87 | _ | | - | | _ | _ | 122 | _ | _ | _ | - | _ |
| 18 | _ | - | - | _ | - | 53 | 52 1/16 | 7.7 | 12.3 | 15.1 | 27.4 | 88 | 87 8/1 | 6 13 | 3.4 | 21.3 | 25.7 | 45.0 | 123 | 122 15/16 | 18.3 | 29.0 | 36.0 | 62.1 |
| 19 | 18 9/16 | 2.7 | 3.9 | 5.2 | 10.2 | 54 | _ | _ | _ | _ | _ | 89 | _ | | - | _ | _ | _ | 124 | _ | _ | _ | _ | |
| 20 | _ | _ | _ | _ | _ | 55 | 54 | 8.0 | 12.9 | 15.7 | 28.5 | 90 | 89 7/1 | 6 13 | 3.7 | 21.7 | 26.3 | 46.0 | 125 | 124 14/16 | 18.4 | 29.5 | 36.6 | 63.8 |
| 21 | 20 9/16 | 3.0 | 4.4 | 5.8 | 11.7 | 56 | 56 | 8.4 | 13.5 | 16.4 | 29.5 | 91 | _ | | - | | _ | _ | 126 | _ | _ | _ | _ | _ |
| 22 | _ | _ | _ | _ | _ | 57 | _ | _ | _ | _ | _ | 92 | 91 7/1 | 6 14 | 4.0 | 22.1 | 26.9 | 47.0 | 127 | 126 14/16 | 18.6 | 29.9 | 37.2 | 65.4 |
| 23 | 22 8/16 | 3.4 | 4.9 | 6.4 | 13.2 | 58 | 57 15/16 | 8.7 | 14.0 | 17.0 | 30.6 | 93 | _ | | - | - | _ | _ | 128 | _ | _ | _ | _ | |
| 24 | _ | _ | _ | _ | _ | 59 | _ | _ | _ | _ | _ | 94 | 93 6/1 | 6 14 | 4.3 | 22.6 | 27.5 | 47.9 | 129 | 128 13/16 | 18.8 | 30.4 | 37.7 | 67.0 |
| 25 | 24 8/16 | 3.7 | 5.4 | 7.0 | 14.7 | 60 | 59 15/16 | 9.0 | 14.6 | 17.6 | 31.6 | 95 | _ | | - | - | _ | _ | 130 | _ | _ | _ | _ | |
| 26 | _ | _ | - | _ | _ | 61 | _ | _ | _ | _ | _ | 96 | 95 6/1 | 6 14 | 4.4 | 22.8 | 27.8 | 48.4 | 131 | 130 13/16 | 18.9 | 30.8 | 38.3 | 68.6 |
| 27 | 26 7/16 | 4.1 | 5.9 | 7.5 | 15.8 | 62 | 61 14/16 | 9.4 | 15.2 | 18.2 | 32.6 | 97 | - | | - | | _ | _ | 132 | _ | _ | _ | _ | |
| 28 | _ | _ | _ | _ | _ | 63 | _ | _ | _ | _ | _ | 98 | 97 5/1 | 6 14 | 4.7 | 23.3 | 28.5 | 49.4 | 133 | 132 12/16 | 19.1 | 31.2 | 38.9 | 70.2 |
| 29 | 28 7/16 | 4.4 | 6.4 | 8.1 | 16.8 | 64 | 63 14/16 | 9.7 | 15.6 | 18.7 | 33.7 | 99 | _ | | - | - | _ | _ | 134 | _ | _ | _ | - | _ |
| 30 | - | _ | _ | - | _ | 65 | - | _ | _ | - | _ | 100 | 99 5/1 | 6 13 | 5.0 | 23.7 | 29.0 | 50.4 | 135 | 134 12/16 | 19.3 | 31.8 | 39.4 | 70.7 |
| 31 | 30 6/16 | 4.8 | 6.9 | 8.7 | 17.9 | 66 | 65 13/16 | 10.0 | 16.1 | 19.2 | 34.7 | 101 | _ | | - | - | _ | - | 136 | _ | _ | _ | _ | |
| 32 | - | _ | _ | - | _ | 67 | - | _ | _ | - | _ | 102 | 101 4/ | 16 13 | 5.3 | 24.1 | 29.6 | 51.3 | 137 | 136 11/16 | 19.5 | 32.3 | 40.0 | 71.2 |
| 33 | 32 6/16 | 5.0 | 7.2 | 9.0 | 18.5 | 68 | 67 13/16 | 10.4 | 16.5 | 19.8 | 35.7 | 103 | _ | | - | - | _ | - | 138 | _ | _ | _ | - | _ |
| 34 | | _ | - | - | - | 69 | - | _ | - | - | - | 104 | 103 4/ | 16 13 | 5.6 | 24.6 | 30.2 | 52.3 | 139 | 138 11/16 | 19.8 | 32.8 | 40.6 | 71.8 |
| 35 | 34 5/16 | 5.4 | 7.7 | 9.6 | 19.5 | 70 | 69 12/16 | 10.7 | 17.0 | 20.3 | 36.7 | 105 | _ | | - | - | - | - | 140 | - | _ | _ | _ | |
| 36 | | _ | _ | - | _ | 71 | - | _ | _ | - | _ | 106 | 105 3/ | 16 13 | 5.8 | 25.0 | 30.7 | 53.2 | 141 | 140 10/16 | 20.0 | 33.3 | 41.1 | 72.3 |
| 37 | 36 5/16 | 5.7 | 8.2 | 10.2 | 20.6 | 72 | 71 12/16 | 11.0 | 17.4 | 20.8 | 37.7 | 107 | - | | - | - | _ | _ | 142 | _ | _ | _ | - | |
| 38 | | _ | _ | _ | _ | 73 | _ | _ | _ | _ | _ | 108 | 107 3/ | 16 16 | 5.1 | 25.5 | 31.3 | 54.2 | 143 | 142 10/16 | 20.2 | 33.9 | 41.7 | 72.8 |
| 39 | 38 4/16 | 6.0 | 8.7 | 10.8 | 21.5 | 74 | 73 11/16 | 11.3 | 17.9 | 21.4 | 38.7 | 109 | - | | - | - | _ | _ | 144 | _ | _ | _ | - | - |
| 40 | | _ | _ | - | _ | 75 | - | _ | _ | - | - | 110 | 109 2/ | 16 16 | 5.4 | 25.9 | 31.9 | 55.2 | _ | | | | | |
| 41 | 40 4/16 | 6.2 | 9.2 | 11.4 | 22.3 | 76 | 75 11/16 | 11.6 | 18.4 | 22.0 | 39.6 | 111 | - | | - | - | | _ | - | | | | | |
| 42 | | _ | _ | _ | - | 77 | _ | _ | _ | _ | _ | 112 | 111 2/ | 16 16 | 5.7 | 26.4 | 32.5 | 56.1 | | | | | | |
| 43 | 42 3/16 | 6.4 | 9.7 | 12.0 | 23.1 | 78 | 77 10/16 | 11.9 | 18.9 | 22.7 | 40.5 | 113 | - | | - | - | _ | _ | _ | | | | | |
| 44 | _ | _ | _ | _ | _ | 79 | _ | _ | _ | - | _ | 114 | 113 1/ | 16 17 | 7.0 | 26.8 | 33.1 | 57.0 | _ | | | | | |
| 45 | 44 3/16 | 6.7 | 10.2 | 12.6 | 23.9 | 80 | 79 10/16 | 12.2 | 19.4 | 23.3 | 41.4 | 115 | _ | | - | - | - | _ | - | | | | | |
| 46 | _ | - | - | - | _ | 81 | - | _ | _ | - | _ | 116 | 115 1/ | 16 17 | 7.3 | 27.3 | 33.7 | 57.9 | | | | | | |



Power Consumption

Tested at Full Power with PS-UNI Series power supplies.

Standard Nominal Lengths offered provide minimal shadowing. For alternate lengths, please contact factory with specific request.

High Efficacy (HE64)

| Nominal | End Feed | Watts | Nominal | End Feed | Watts | Nominal | End Feed | Watts | Nominal | End Feed | Watts |
|-------------|----------------|--------------|-------------|----------------|-------|-------------|----------------|---------------|-------------|----------------|--------------|
| Length (in) | Actual Length* | VHO | Length (in) | Actual Length* | VHO | Length (in) | Actual Length* | VHO | Length (in) | Actual Length* | VHO |
| 12 | 11 8/16 | 7.6 | 47 | 46 5/16 | 28.2 | 82 | 81 2/16 | 50.4 | 117 | - | _ |
| 13 | 13 | 7.6 | 48 | 47 13/16 | 29.5 | 83 | 82 10/16 | 51 <i>.</i> 7 | 118 | 117 8/16 | 72.8 |
| 14 | _ | _ | 49 | _ | _ | 84 | - | _ | 119 | 119 | 73.3 |
| 15 | 14 8/16 | 8.9 | 50 | 49 5/16 | 30.1 | 85 | 84 3/16 | 52.3 | 120 | - | _ |
| 16 | _ | _ | 51 | 50 14/16 | 31.4 | 86 | 85 11/16 | 53.6 | 121 | 120 8/16 | 74.4 |
| 1 <i>7</i> | 16 | 9.5 | 52 | _ | _ | 87 | _ | - | 122 | _ | - |
| 18 | 17 9/16 | 10. <i>7</i> | 53 | 52 6/16 | 32.0 | 88 | 87 3/16 | 54.2 | 123 | 122 | 74.8 |
| 19 | _ | _ | 54 | 53 14/16 | 33.3 | 89 | 88 11/16 | 55.5 | 124 | 123 8/16 | 75.6 |
| 20 | 19 1/16 | 11.4 | 55 | _ | _ | 90 | _ | - | 125 | _ | - |
| 21 | 20 9/16 | 12.6 | 56 | 55 6/16 | 34.0 | 91 | 90 3/16 | 56.2 | 126 | 125 1/16 | 76.0 |
| 22 | _ | - | 57 | 56 14/16 | 35.2 | 92 | 91 12/16 | 57.5 | 127 | 126 9/16 | 76.8 |
| 23 | 22 1/16 | 13.2 | 58 | _ | _ | 93 | - | - | 128 | _ | _ |
| 24 | 23 9/16 | 14.5 | 59 | 58 7/16 | 36.5 | 94 | 93 4/16 | 58.2 | 129 | 128 1/16 | 77.2 |
| 25 | _ | _ | 60 | 59 15/16 | 37.2 | 95 | 94 12/16 | 59.5 | 130 | 129 9/16 | 78.0 |
| 26 | 25 2/16 | 15.1 | 61 | - | _ | 96 | - | _ | 131 | - | _ |
| 27 | 26 10/16 | 16.4 | 62 | 61 7/16 | 38.4 | 97 | 96 4/16 | 60.1 | 132 | 131 2/16 | 78.4 |
| 28 | _ | _ | 63 | 62 15/16 | 39.1 | 98 | 97 13/16 | 61.4 | 133 | 132 10/16 | 79.2 |
| 29 | 28 2/16 | 17.0 | 64 | - | _ | 99 | - | _ | 134 | - | _ |
| 30 | 29 10/16 | 18.2 | 65 | 64 8/16 | 40.4 | 100 | 99 5/16 | 62.0 | 135 | 134 2/16 | 79.6 |
| 31 | _ | _ | 66 | 66 | 41.0 | 101 | 100 13/16 | 63.2 | 136 | 135 10/16 | 80.3 |
| 32 | 31 3/16 | 18.9 | 67 | _ | _ | 102 | _ | - | 137 | _ | _ |
| 33 | 32 11/16 | 20.1 | 68 | 67 8/16 | 42.3 | 103 | 102 5/16 | 63.8 | 138 | 137 2/16 | 80.6 |
| 34 | _ | _ | 69 | _ | - | 104 | 103 13/16 | 65.0 | 139 | 138 11/16 | 81.3 |
| 35 | 34 3/16 | 20.7 | 70 | 69 | 42.9 | 105 | _ | - | 140 | _ | _ |
| 36 | 35 11/16 | 22.0 | 71 | 70 8/16 | 44.2 | 106 | 105 6/16 | 65.6 | 141 | 140 3/16 | 81. <i>7</i> |
| 37 | - | _ | 72 | _ | _ | 107 | 106 14/16 | 66.8 | 142 | 141 11/16 | 82.4 |
| 38 | 37 3/16 | 22.6 | 73 | 72 1/16 | 44.9 | 108 | _ | - | 143 | - | _ |
| 39 | 38 12/16 | 23.9 | 74 | 73 9/16 | 46.1 | 109 | 108 6/16 | 67.4 | 144 | 143 3/16 | 82.7 |
| 40 | _ | _ | 75 | _ | - | 110 | 109 14/16 | 68.5 | | | |
| 41 | 40 4/16 | 24.5 | 76 | 75 1/16 | 46.7 | 111 | | _ | _ | | |
| 42 | 41 12/16 | 25.7 | 77 | 76 9/16 | 48.0 | 112 | 111 7/16 | 69.6 | | | |
| 43 | _ | _ | 78 | _ | _ | 113 | 112 15/16 | 70.1 | _ | | |
| 44 | 43 4/16 | 26.4 | 79 | 78 2/16 | 48.6 | 114 | _ | - | | | |
| 45 | 44 13/16 | 27.6 | 80 | 79 10/16 | 49.8 | 115 | 114 7/16 | 71.2 | | | |
| 46 | _ | _ | 81 | _ | _ | 116 | 115 15/16 | 71.7 | _ | | |



Voltage Drop Calculator

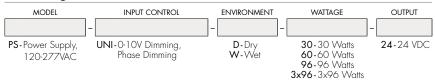
The below chart assumes nominal voltage of 24 Volts and a Voltage Drop Allowance of 3% through the wire

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



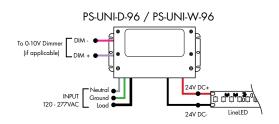
See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

Ordering Code Universal Dimming Power Supplies 1% 120VAC - 277VAC



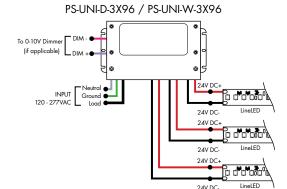
 $\textbf{Compatibility:} \ \ \text{View a complete list of compatible dimmers on product page} \ \ (\underline{\text{Link}})$

0-10V - 1% dimming MLV/ELV/TRIAC - 1% dimming, consult dimming compatibility chart

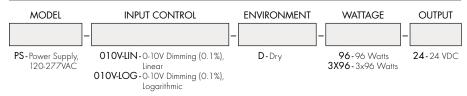


| MODELS | PS-UNI-W-30W | PS-UNI-W-60W | PS-UNI-W-96W | PS-UNI-W-3X96W |
|--------|--------------|--------------|--------------|----------------|
| Length | 6.50" | 7.40" | 8.66" | 11.85" |
| Width | 3.73" | 3.73" | 3.73" | 4.32" |
| Depth | 1.61" | 1.61″ | 1.61" | 1.81" |

| MODELS | PS-UNI-D-30W | PS-UNI-D-60W | PS-UNI-D-96W | PS-UNI-D-3X96W |
|--------|--------------|--------------|--------------|----------------|
| Length | 8.77" | 8.77" | 8.11" | 9.94" |
| Width | 4.27" | 4.27" | 5.60" | 7.61" |
| Depth | 1.83" | 1.83" | 1.83" | 2.02" |

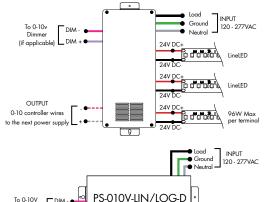


Ordering Code 0-10V Dimming Power Supplies 0.1% 120VAC - 277VAC



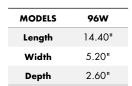
| MODELS | 96W | 3X96 |
|--------|--------|--------|
| Length | 14.40" | 15.00" |
| Width | 5.20" | 6.62" |
| Depth | 2.60" | 4.45" |

PS-010V-LIN/LOG-D-3X96

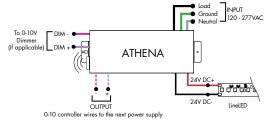




D-Dry



120-277VAC



OUTPUT
0-10 controller wires to the next power supply

010V-LIN-0-10V Dimming,

Linear 010V-LOG-0-10V Dimming,

Logarithmic

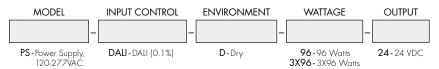
96-96 W

24-24 VDC AWNR-Athena



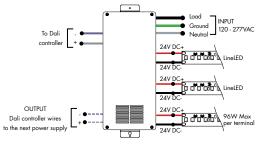
See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

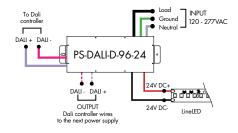
Ordering Code DALI1 Dimming Power Supplies 0.1% 120VAC - 277VAC



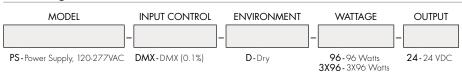
| Model | 96W | 3X96 |
|--------|--------|--------|
| Length | 14.40" | 15.00" |
| Width | 5.20" | 6.62" |
| Depth | 2.60" | 4.56" |

PS-DALI-D-3X96-24



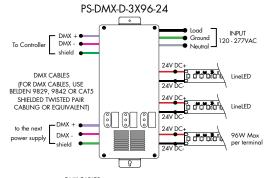


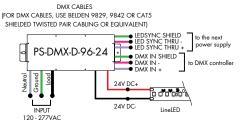
Ordering Code DMX Dimming Power Supplies 0.1% 120VAC - 277VAC Requires Zonal Control



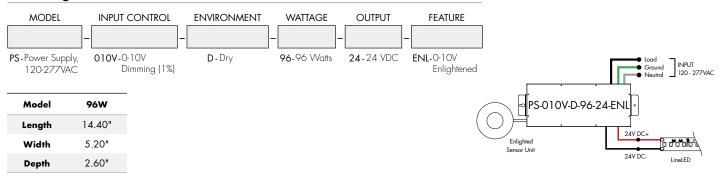
*Zonal control power supplies. Control multiple tapes/zones using DMX channels.

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





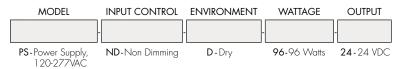
Ordering Code Enlighted Enabled Dimming Power Supplies 1% 120VAC - 277VAC

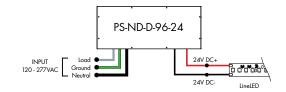




See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

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

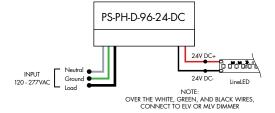




| MODELS | 96W |
|--------|--------|
| Length | 14.40" |
| Width | 5.20" |
| Depth | 2.60" |

Ordering Code Phase Dimming Power Supply 1% 120VAC - 277VAC

| MODEL | INPUT CONTROL | ENVIRONMENT | WATTAGE | OUTPUT | OUTPUT CONTROL |
|--------------------------------|---------------------------------------|---------------|---------------------|-------------------|-------------------|
| - | | - | - | - | |
| PS-Power Supply, 120-277VAC | PH-Phase Dimming (Triac, ELV, MLV) | D -Dry | 96 -96 Watts | 24 -24 VDC | DC-Direct Current |

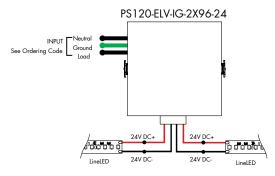


MLV/ELV/TRIAC - 1% dimming, consult dimming compatibility chart (Link)

| MODELS | 96W |
|--------|-------|
| Length | 8.25" |
| Width | 4.10" |
| Depth | 1.56" |

Ordering Code In-Ground Power Supplies





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



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.

\$\$LUTRON

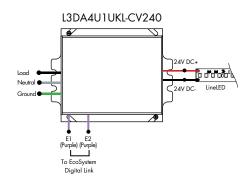
Luminii is a Lutron OEM Advantage Partner **Lutron Power Supplies 1%**

MODEL

L3DA4U1UKL-CV240

 $Hi\text{-lume}^{TM}$ 1% EcoSystem Voltage LED driver 40W max

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



%LUTRON

Luminii is a Lutron OEM Advantage Partner **Lutron Power Supplies 0.1%**

MODEL

| L3D0-96W24V-U |
|---------------|
| |

 $Hi\text{-lume}^{TM}$ 0.1% EcoSystem Voltage LED Driver with Soft-On, Fade-to-Black TM 96W max

| MODELS | L3D0 |
|--------|--------|
| Length | 10.50" |
| Width | 5.50" |
| Depth | 2.00" |

