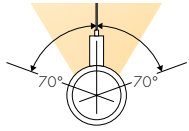
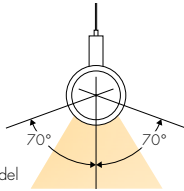


Features

- Extruded aluminum linear suspension system.
- 24VDC Class 2 fixtures made to order up to 232"
- Class 2 listed for damp locations
- 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 540 lm/ft and up to 76 lm/W
- Average Life (L70): 50,000hrs
- 7 year warranty



Fixture head rotates up to 140°, in either up or down direction. Reference ordering code for proper model



Finish Options (see page 2 for additional information)

- Base Silver Anodized
-
- Powder Coat Black Bronze White
-
- Premium Matte Black Warm Nickel Aged Brass Polished Gold Chrome



Technical Information

| MODEL | High Color Quality | | | High Efficacy | | | | High Efficacy |
|---|-----------------------------|-----------|-----------|-----------------------------|-----------|-----------|-----------|-----------------------------|
| OUTPUT OPTIONS | 72SO | 72HO | 72VHO | HE48LO | HE48SO | HE48MO | HE48HO | HE64VHO |
| Lumens Output (3000K) (with a Clear Lens) | 148 lm/ft | 240 lm/ft | 292 lm/ft | 144 lm/ft | 200 lm/ft | 266 lm/ft | 427 lm/ft | 541 lm/ft |
| Average Power Consumption (for a 4' section) | 2.8 W/ft | 4.8 W/ft | 6 W/ft | 1.9 W/ft | 2.8 W/ft | 3.5 W/ft | 6.5 W/ft | 7.5 W/ft |
| Efficacy | 53 lm/W | 50 lm/W | 49 lm/W | 76 lm/W | 71 lm/W | 76 lm/W | 66 lm/W | 72 lm/W |
| Max Run Length (in series) | 40 ft | 31 ft | 22 ft | 48 ft | 42 ft | 33 ft | 21 ft | 15 ft |
| Ambient Operating Temperature Range* | -5°F - 125°F (-20°C - 50°C) | | | -5°F - 125°F (-20°C - 50°C) | | | | -5°F - 115°F (-20°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 (72)

| CCT | Multiplier (reference - 3000K) | TM-30 | | | |
|-------|--------------------------------|-------|----------------|----------------|----------------|
| | | CRI | R _f | R _g | R ₉ |
| 1900K | 0.55 | 96 | 94 | 97 | 90 |
| 2200K | 0.70 | 96 | 95 | 101 | 89 |
| 2400K | 0.72 | 98 | 97 | 101 | 91 |
| 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 |

High Efficacy (HE48/HE64)

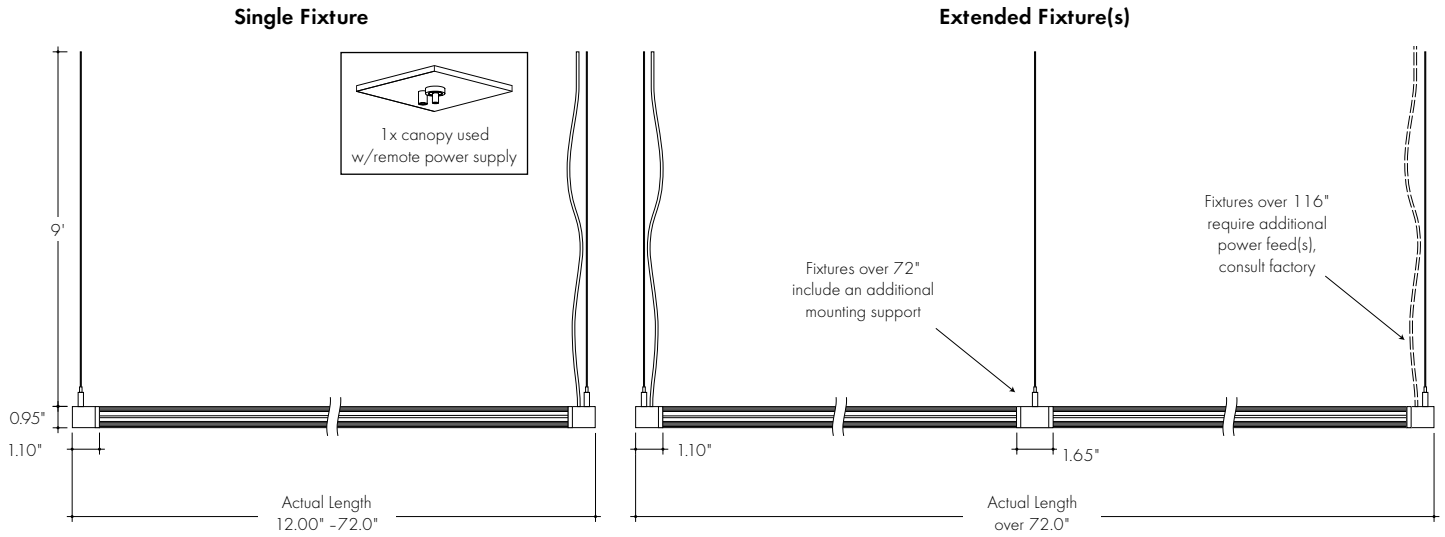
| CCT | Multiplier (reference - 3000K) | TM-30 | | | |
|-------|--------------------------------|-------|----------------|----------------|----------------|
| | | CRI | R _f | R _g | R ₉ |
| 2200K | 0.73 | 92 | 91 | 97 | 42 |
| 2500K | 0.81 | 93 | 96 | 96 | 62 |
| 2700K | 0.94 | 92 | 90 | 99 | 58 |
| 3000K | 1.00 | 92 | 89 | 99 | 57 |
| 3500K | 1.02 | 92 | 89 | 99 | 60 |
| 4000K | 1.02 | 92 | 86 | 94 | 71 |

Ordering Code

| MODEL | LENGTH ¹ | OUTPUT ² | CCT | LENS | LIGHT DIRECTION | FINISH ^{3,4} |
|------------------------|-----------------------------|--|---|--------------------------|--------------------|---|
| TEA - Teava Suspension | 12" - 232" 1" increments | 72SO - Standard 72HO - High 72VHO - Very High | 19K - 1900K 22K - 2200K 24K - 2400K 27K - 2700K 30K - 3000K 35K - 3500K 41K - 4100K | C - Clear F - Frosted | U - Up D - Down | BASE SA - Silver Anodized POWDER COAT BK - Black BZ - Bronze WH - White PREMIUM MBK - Matte Black WN - Warm Nickel AB - Aged Brass PG - Polished Gold ⁵ CH - Chrome ⁵ |
| | 12" - 232" 2" increments | HE48LO - low HE48SO - Standard HE48MO - Medium HE48HO - High HE64VHO - Very High | 22K - 2200K 25K - 2500K 27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K | | | |

1 - Custom lengths and increments are available, please consult Inside Sales with specific request.
 2 - 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 RALs are available, please consult Inside Sales with specific request.
 4 - White canopy included with all finishes except Black and Matte Black, which include a Black canopy.
 5 - Polished Gold and Chrome finishes have a maximum fixture length of 96".

Product Dimensions



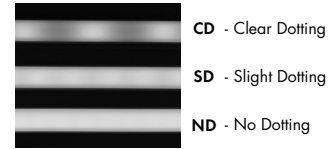
Finish Options

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

| | | | | |
|---|--|--|---|--|
| <p>Silver Anodized Base</p> | <p>Black Powder Coat</p> | <p>Bronze Powder Coat</p> | <p>White Powder Coat</p> | <p>Matte Black Premium</p> |
| <p>Silver Anodized is a soft silver with a clear finish.</p> | <p>Black is a true deep black with a glossy finish.</p> | <p>Bronze is a rich, dark brown with a satin finish.</p> | <p>White is a polar bright white and field paintable.</p> | <p>Matte Black is a dark, pitch-black with a soft flat finish.</p> |
| <p>Warm Nickel Premium</p> | <p>Aged Brass Premium</p> | <p>Polished Gold Premium</p> | <p>Chrome Premium</p> | |
| <p>Warm Nickel is a soft, silvery smoke with warm tones and a satin finish.</p> | <p>Aged Brass is a deep brown shade with slightly golden undertones.</p> | <p>Polished Gold is bright and radiant for a brilliant finish.</p> | <p>Chrome is a highly reflective silver polish.</p> | |

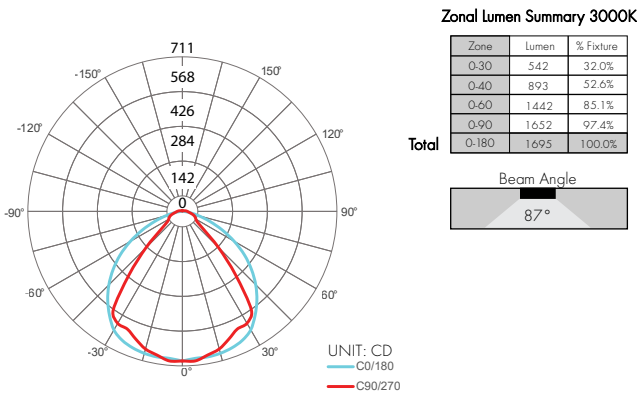
Light Transmission and Dotting

| Output Options | Lens | | | | | | | |
|--------------------------------|-------|-----|-----|----|---------|-----|-----|----|
| | Clear | | | | Frosted | | | |
| Dimming Level | 100% | 50% | 10% | 1% | 100% | 50% | 10% | 1% |
| 72SO | CD | CD | CD | CD | ND | ND | ND | ND |
| 72HO | CD | CD | CD | CD | ND | ND | ND | ND |
| 72VHO | 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 | 100% | | | | 69% | | | |

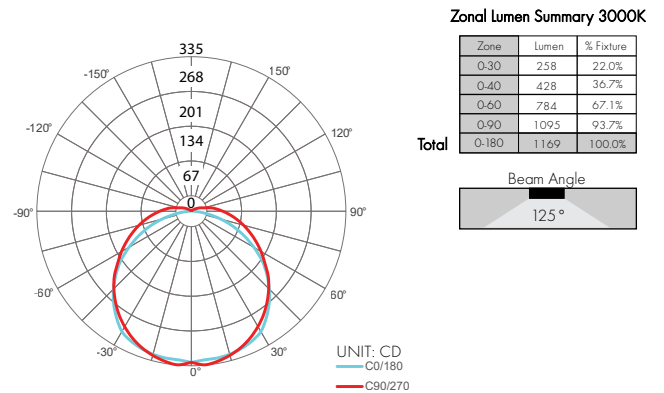


Photometry

TEA-48-72VHO-30K-C
Teava Suspended, VHO, 3000K, Clear Lens



TEA-48-72VHO-30K-F
Teava Suspended, VHO, 3000K, Frosted Lens



Power Consumption

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

Standard Nominal Lengths offered provide minimal shadowing. For alternate lengths, please consult Inside Sales with specific request.

High Color Quality (72)

| Nominal Length (in) | Actual Length | Watts | | | Nominal Length (in) | Actual Length | Watts | | | Nominal Length (in) | Actual Length | Watts | | |
|---------------------|---------------|-------|------|------|---------------------|---------------|-------|------|------|---------------------|---------------|-------|------|------|
| | | SO | HO | VHO | | | SO | HO | VHO | | | SO | HO | VHO |
| 12 | 11 1/16 | 2.7 | 4.4 | 6.2 | 47 | 46 15/16 | 10.0 | 16.7 | 22.1 | 82 | 81 11/16 | 17.9 | 28.9 | 37.6 |
| 13 | 12 3/16 | 2.7 | 4.4 | 6.2 | 48 | — | — | — | — | 83 | 82 13/16 | 18.1 | 29.2 | 38.0 |
| 14 | 13 6/16 | 2.7 | 4.4 | 6.2 | 49 | 48 1/16 | 10.2 | 17.1 | 22.6 | 84 | 84 | 18.3 | 29.5 | 38.4 |
| 15 | 14 8/16 | 2.7 | 4.4 | 6.2 | 50 | 49 4/16 | 10.5 | 17.4 | 23.1 | 85 | — | — | — | — |
| 16 | 15 11/16 | 2.9 | 4.8 | 6.7 | 51 | 50 6/16 | 10.7 | 17.8 | 23.5 | 86 | 85 2/16 | 18.5 | 29.8 | 38.8 |
| 17 | 16 13/16 | 3.1 | 5.2 | 7.3 | 52 | 51 9/16 | 11.1 | 18.6 | 24.4 | 87 | 86 5/16 | 18.7 | 30.1 | 39.2 |
| 18 | 18 | 3.4 | 5.6 | 7.8 | 53 | 52 11/16 | 11.4 | 18.9 | 24.9 | 88 | 87 7/16 | 19.2 | 30.8 | 40.0 |
| 19 | — | — | — | — | 54 | 53 14/16 | 11.6 | 19.3 | 25.3 | 89 | 88 10/16 | 19.4 | 31.1 | 40.4 |
| 20 | 19 2/16 | 3.6 | 6.0 | 8.3 | 55 | — | — | — | — | 90 | 89 12/16 | 19.6 | 31.5 | 40.8 |
| 21 | 20 5/16 | 3.9 | 6.5 | 8.9 | 56 | 55 1/16 | 11.9 | 19.7 | 25.7 | 91 | 90 15/16 | 19.9 | 31.8 | 41.1 |
| 22 | 21 7/16 | 4.4 | 7.3 | 9.9 | 57 | 56 3/16 | 12.1 | 20.1 | 26.1 | 92 | — | — | — | — |
| 23 | 22 10/16 | 4.6 | 7.7 | 10.5 | 58 | 57 6/16 | 12.3 | 20.5 | 26.6 | 93 | 92 1/16 | 20.1 | 32.2 | 41.5 |
| 24 | 23 12/16 | 4.8 | 8.1 | 11.0 | 59 | 58 8/16 | 12.8 | 21.3 | 27.4 | 94 | 93 4/16 | 20.4 | 32.5 | 41.9 |
| 25 | 24 15/16 | 5.1 | 8.6 | 11.5 | 60 | 59 11/16 | 13.1 | 21.6 | 27.8 | 95 | 94 6/16 | 20.6 | 32.9 | 42.3 |
| 26 | — | — | — | — | 61 | 60 13/16 | 13.3 | 22.0 | 28.3 | 96 | 95 9/16 | 21.1 | 33.6 | 43.1 |
| 27 | 26 1/16 | 5.3 | 9.0 | 12.1 | 62 | 62 | 13.6 | 22.4 | 28.7 | 97 | 96 12/16 | 21.3 | 33.9 | 43.4 |
| 28 | 27 4/16 | 5.6 | 9.4 | 12.6 | 63 | — | — | — | — | 98 | 97 14/16 | 21.5 | 34.2 | 43.8 |
| 29 | 28 6/16 | 5.8 | 9.8 | 13.1 | 64 | 63 2/16 | 13.8 | 22.8 | 29.1 | 99 | — | — | — | — |
| 30 | 29 9/16 | 6.2 | 10.5 | 14.1 | 65 | 64 5/16 | 14.0 | 23.1 | 29.6 | 100 | 99 1/16 | 21.8 | 34.6 | 44.2 |
| 31 | 30 11/16 | 6.5 | 10.9 | 14.5 | 66 | 65 7/16 | 14.5 | 23.8 | 30.5 | 101 | 100 3/16 | 22.0 | 34.9 | 44.6 |
| 32 | 31 14/16 | 6.7 | 11.2 | 15.0 | 67 | 66 10/16 | 14.7 | 24.1 | 31.0 | 102 | 101 6/16 | 22.2 | 35.2 | 45.0 |
| 33 | — | — | — | — | 68 | 67 12/16 | 14.9 | 24.4 | 31.4 | 103 | 102 8/16 | 22.5 | 35.9 | 45.9 |
| 34 | 33 1/16 | 6.9 | 11.6 | 15.5 | 69 | 68 15/16 | 15.1 | 24.7 | 31.9 | 104 | 103 11/16 | 22.7 | 36.2 | 46.3 |
| 35 | 34 3/16 | 7.1 | 12.0 | 16.0 | 70 | — | — | — | — | 105 | 104 13/16 | 22.9 | 36.5 | 46.7 |
| 36 | 35 6/16 | 7.3 | 12.3 | 16.5 | 71 | 70 1/16 | 15.3 | 25.0 | 32.4 | 106 | 106 | 23.1 | 36.8 | 47.1 |
| 37 | 36 8/16 | 7.8 | 13.1 | 17.4 | 72 | 71 4/16 | 15.5 | 25.4 | 32.8 | 107 | — | — | — | — |
| 38 | 37 11/16 | 8.0 | 13.4 | 17.9 | 73 | 72 6/16 | 15.8 | 25.7 | 33.3 | 108 | 107 2/16 | 23.3 | 37.1 | 47.5 |
| 39 | 38 13/16 | 8.2 | 13.8 | 18.4 | 74 | 73 9/16 | 16.2 | 26.3 | 34.2 | 109 | 108 5/16 | 23.5 | 37.4 | 48.0 |
| 40 | 40 | 8.4 | 14.2 | 18.9 | 75 | 74 11/16 | 16.4 | 26.6 | 34.7 | 110 | 109 7/16 | 23.9 | 38.1 | 48.8 |
| 41 | — | — | — | — | 76 | 75 14/16 | 16.6 | 26.9 | 35.1 | 111 | 110 10/16 | 24.1 | 38.4 | 49.2 |
| 42 | 41 2/16 | 8.7 | 14.5 | 19.3 | 77 | — | — | — | — | 112 | 111 12/16 | 24.3 | 38.7 | 49.6 |
| 43 | 42 5/16 | 8.9 | 14.9 | 19.8 | 78 | 77 1/16 | 16.8 | 27.3 | 35.5 | 113 | 112 15/16 | 24.5 | 39.0 | 50.0 |
| 44 | 43 7/16 | 9.3 | 15.6 | 20.7 | 79 | 78 3/16 | 17.1 | 27.6 | 35.9 | 114 | — | — | — | — |
| 45 | 44 10/16 | 9.6 | 16.0 | 21.2 | 80 | 79 6/16 | 17.3 | 27.9 | 36.3 | 115 | 114 1/16 | 24.8 | 39.3 | 50.4 |
| 46 | 45 12/16 | 9.8 | 16.4 | 21.7 | 81 | 80 8/16 | 17.7 | 28.5 | 37.2 | 116 | 115 4/16 | 25.0 | 39.6 | 50.8 |

Power Consumption

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

Standard Nominal Lengths offered provide minimal shadowing. For alternate lengths, please consult Inside Sales with specific request.

High Efficacy (HE48)

| Nominal Length (in) | Actual Length | Watts | | | | Nominal Length (in) | Actual Length | Watts | | | | Nominal Length (in) | Actual Length | Watts | | | |
|---------------------|---------------|-------|-----|------|------|---------------------|---------------|-------|------|------|------|---------------------|---------------|-------|------|------|------|
| | | LO | SO | MO | HO | | | LO | SO | MO | HO | | | LO | SO | MO | HO |
| 12 | 10 13/16 | 1.7 | 2.5 | 3.5 | 5.7 | 47 | 46 4/16 | 6.7 | 10.2 | 12.6 | 23.9 | 82 | 81 11/16 | 12.2 | 19.4 | 23.3 | 41.4 |
| 13 | 12 12/16 | 1.7 | 2.5 | 3.5 | 5.7 | 48 | - | - | - | - | - | 83 | - | - | - | - | - |
| 14 | - | - | - | - | - | 49 | 48 3/16 | 6.9 | 10.7 | 13.3 | 24.7 | 84 | 83 10/16 | 12.5 | 19.9 | 23.9 | 42.2 |
| 15 | 14 12/16 | 1.7 | 2.5 | 3.5 | 5.7 | 50 | - | - | - | - | - | 85 | - | - | - | - | - |
| 16 | - | - | - | - | - | 51 | 50 3/16 | 7.1 | 11.2 | 13.9 | 25.4 | 86 | 85 10/16 | 12.8 | 20.3 | 24.5 | 43.1 |
| 17 | 16 11/16 | 2.0 | 3.0 | 4.0 | 7.2 | 52 | - | - | - | - | - | 87 | - | - | - | - | - |
| 18 | - | - | - | - | - | 53 | 52 2/16 | 7.4 | 11.7 | 14.5 | 26.3 | 88 | 87 9/16 | 13.1 | 20.8 | 25.1 | 44.1 |
| 19 | 18 11/16 | 2.4 | 3.5 | 4.6 | 8.7 | 54 | - | - | - | - | - | 89 | - | - | - | - | - |
| 20 | - | - | - | - | - | 55 | 54 2/16 | 7.7 | 12.3 | 15.1 | 27.4 | 90 | 89 9/16 | 13.4 | 21.3 | 25.7 | 45.0 |
| 21 | 20 10/16 | 2.7 | 3.9 | 5.2 | 10.2 | 56 | - | - | - | - | - | 91 | - | - | - | - | - |
| 22 | - | - | - | - | - | 57 | 56 1/16 | 8.0 | 12.9 | 15.7 | 28.5 | 92 | 91 8/16 | 13.7 | 21.7 | 26.3 | 46.0 |
| 23 | 22 10/16 | 3.0 | 4.4 | 5.8 | 11.7 | 58 | - | - | - | - | - | 93 | - | - | - | - | - |
| 24 | - | - | - | - | - | 59 | 58 1/16 | 8.4 | 13.5 | 16.4 | 29.5 | 94 | 93 8/16 | 14.0 | 22.1 | 26.9 | 47.0 |
| 25 | 24 9/16 | 3.4 | 4.9 | 6.4 | 13.2 | 60 | - | - | - | - | - | 95 | - | - | - | - | - |
| 26 | - | - | - | - | - | 61 | 60 | 8.7 | 14.0 | 17.0 | 30.6 | 96 | 95 7/16 | 14.3 | 22.6 | 27.5 | 47.9 |
| 27 | 26 9/16 | 3.7 | 5.4 | 7.0 | 14.7 | 62 | 62 | 9.0 | 14.6 | 17.6 | 31.6 | 97 | - | - | - | - | - |
| 28 | - | - | - | - | - | 63 | - | - | - | - | - | 98 | 97 7/16 | 14.4 | 22.8 | 27.8 | 48.4 |
| 29 | 28 8/16 | 4.1 | 5.9 | 7.5 | 15.8 | 64 | 63 15/16 | 9.4 | 15.2 | 18.2 | 32.6 | 99 | - | - | - | - | - |
| 30 | - | - | - | - | - | 65 | - | - | - | - | - | 100 | 99 6/16 | 14.7 | 23.3 | 28.5 | 49.4 |
| 31 | 30 8/16 | 4.4 | 6.4 | 8.1 | 16.8 | 66 | 65 15/16 | 9.7 | 15.6 | 18.7 | 33.7 | 101 | - | - | - | - | - |
| 32 | - | - | - | - | - | 67 | - | - | - | - | - | 102 | 101 6/16 | 15.0 | 23.7 | 29.0 | 50.4 |
| 33 | 32 7/16 | 4.8 | 6.9 | 8.7 | 17.9 | 68 | 67 14/16 | 10.0 | 16.1 | 19.2 | 34.7 | 103 | - | - | - | - | - |
| 34 | - | - | - | - | - | 69 | - | - | - | - | - | 104 | 103 5/16 | 15.3 | 24.1 | 29.6 | 51.3 |
| 35 | 34 7/16 | 5.0 | 7.2 | 9.0 | 18.5 | 70 | 69 14/16 | 10.4 | 16.5 | 19.8 | 35.7 | 105 | - | - | - | - | - |
| 36 | - | - | - | - | - | 71 | - | - | - | - | - | 106 | 105 5/16 | 15.6 | 24.6 | 30.2 | 52.3 |
| 37 | 36 6/16 | 5.4 | 7.7 | 9.6 | 19.5 | 72 | 71 13/16 | 10.7 | 17.0 | 20.3 | 36.7 | 107 | - | - | - | - | - |
| 38 | - | - | - | - | - | 73 | - | - | - | - | - | 108 | 107 4/16 | 15.8 | 25.0 | 30.7 | 53.2 |
| 39 | 38 6/16 | 5.7 | 8.2 | 10.2 | 20.6 | 74 | 73 13/16 | 11.0 | 17.4 | 20.8 | 37.7 | 109 | - | - | - | - | - |
| 40 | - | - | - | - | - | 75 | - | - | - | - | - | 110 | 109 4/16 | 16.1 | 25.5 | 31.3 | 54.2 |
| 41 | 40 5/16 | 6.0 | 8.7 | 10.8 | 21.5 | 76 | 75 12/16 | 11.3 | 17.9 | 21.4 | 38.7 | 111 | - | - | - | - | - |
| 42 | - | - | - | - | - | 77 | - | - | - | - | - | 112 | 111 3/16 | 16.4 | 25.9 | 31.9 | 55.2 |
| 43 | 42 5/16 | 6.2 | 9.2 | 11.4 | 22.3 | 78 | 77 12/16 | 11.6 | 18.4 | 22.0 | 39.6 | 113 | - | - | - | - | - |
| 44 | - | - | - | - | - | 79 | - | - | - | - | - | 114 | 113 3/16 | 16.7 | 26.4 | 32.5 | 56.1 |
| 45 | 44 4/16 | 6.4 | 9.7 | 12.0 | 23.1 | 80 | 79 11/16 | 11.9 | 18.9 | 22.7 | 40.5 | 115 | - | - | - | - | - |
| 46 | - | - | - | - | - | 81 | - | - | - | - | - | 116 | 115 2/16 | 17.0 | 26.8 | 33.1 | 57.0 |

Power Consumption

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

Standard Nominal Lengths offered provide minimal shadowing. For alternate lengths, please consult Inside Sales with specific request.

High Efficacy (HE64)

| Nominal Length (in) | Actual Length | Watts | Nominal Length (in) | Actual Length | Watts | Nominal Length (in) | Actual Length | Watts |
|---------------------|---------------|-------|---------------------|---------------|-------|---------------------|---------------|-------|
| | | VHO | | | VHO | | | VHO |
| 12 | 10 8/16 | 7.6 | 47 | 46 13/16 | 27.6 | 82 | 81 11/16 | 49.8 |
| 13 | 12 | 7.6 | 48 | – | – | 83 | – | – |
| 14 | 13 8/16 | 7.6 | 49 | 48 6/16 | 28.2 | 84 | 83 3/16 | 50.4 |
| 15 | – | – | 50 | 49 14/16 | 29.5 | 85 | 84 11/16 | 51.7 |
| 16 | 15 1/16 | 7.6 | 51 | – | – | 86 | – | – |
| 17 | 16 9/16 | 8.9 | 52 | 51 6/16 | 30.1 | 87 | 86 3/16 | 52.3 |
| 18 | – | – | 53 | 52 14/16 | 31.4 | 88 | 87 12/16 | 53.6 |
| 19 | 18 1/16 | 9.5 | 54 | – | – | 89 | – | – |
| 20 | 19 9/16 | 10.7 | 55 | 54 7/16 | 32.0 | 90 | 89 4/16 | 54.2 |
| 21 | – | – | 56 | 55 15/16 | 33.3 | 91 | 90 12/16 | 55.5 |
| 22 | 21 2/16 | 11.4 | 57 | – | – | 92 | – | – |
| 23 | 22 10/16 | 12.6 | 58 | 57 7/16 | 34.0 | 93 | 92 4/16 | 56.2 |
| 24 | – | – | 59 | 58 15/16 | 35.2 | 94 | 93 12/16 | 57.5 |
| 25 | 24 2/16 | 13.2 | 60 | – | – | 95 | – | – |
| 26 | 25 10/16 | 14.5 | 61 | 60 7/16 | 36.5 | 96 | 95 5/16 | 58.2 |
| 27 | – | – | 62 | 62 | 37.2 | 97 | 96 13/16 | 59.5 |
| 28 | 27 2/16 | 15.1 | 63 | – | – | 98 | – | – |
| 29 | 28 11/16 | 16.4 | 64 | 63 8/16 | 38.4 | 99 | 98 5/16 | 60.1 |
| 30 | – | – | 65 | – | – | 100 | 99 13/16 | 61.4 |
| 31 | 30 3/16 | 17.0 | 66 | 65 | 39.1 | 101 | – | – |
| 32 | 31 11/16 | 18.2 | 67 | 66 8/16 | 40.4 | 102 | 101 6/16 | 62.0 |
| 33 | – | – | 68 | – | – | 103 | 102 14/16 | 63.2 |
| 34 | 33 3/16 | 18.9 | 69 | 68 1/16 | 41.0 | 104 | – | – |
| 35 | 34 12/16 | 20.1 | 70 | 69 9/16 | 42.3 | 105 | 104 6/16 | 63.8 |
| 36 | – | – | 71 | – | – | 106 | 105 14/16 | 65.0 |
| 37 | 36 4/16 | 20.7 | 72 | 71 1/16 | 42.9 | 107 | – | – |
| 38 | 37 12/16 | 22.0 | 73 | 72 9/16 | 44.2 | 108 | 107 7/16 | 65.6 |
| 39 | – | – | 74 | – | – | 109 | 108 15/16 | 66.8 |
| 40 | 39 4/16 | 22.6 | 75 | 74 2/16 | 44.9 | 110 | – | – |
| 41 | 40 13/16 | 23.9 | 76 | 75 10/16 | 46.1 | 111 | 110 7/16 | 67.4 |
| 42 | – | – | 77 | – | – | 112 | 111 15/16 | 68.5 |
| 43 | 42 5/16 | 24.5 | 78 | 77 2/16 | 46.7 | 113 | – | – |
| 44 | 43 13/16 | 25.7 | 79 | 78 10/16 | 48.0 | 114 | 113 7/16 | 69.6 |
| 45 | – | – | 80 | – | – | 115 | 115 | 70.1 |
| 46 | 45 5/16 | 26.4 | 81 | 80 2/16 | 48.6 | 116 | – | – |

Voltage Drop Calculator

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

| Wattage [W] | Wire Length From Power Supply to Start of Run [ft] | | | | | | |
|-------------|--|--------|--------|--------|--------|--------|--------|
| | 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 |

Power Supplies

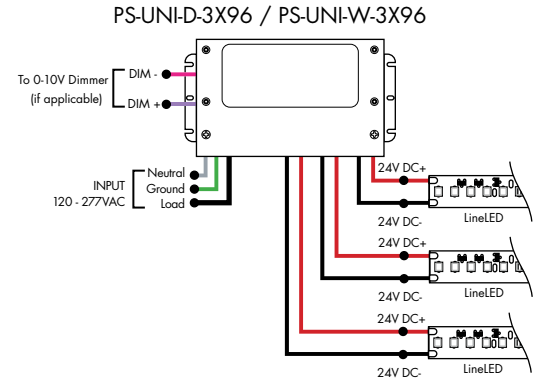
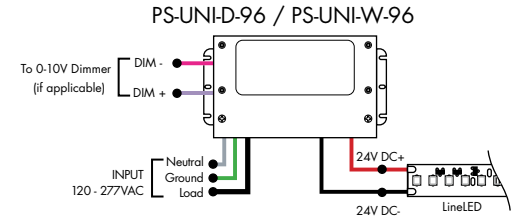
See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

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

| MODEL | INPUT CONTROL | ENVIRONMENT | WATTAGE | OUTPUT |
|-----------------------------|----------------------------------|----------------|--|-----------|
| PS-Power Supply, 120-277VAC | UNI-0-10V Dimming, Phase Dimming | D-Dry W-Wet | 30-30 Watts 60-60 Watts 96-96 Watts 3x96-3x96 Watts | 24-24 VDC |

Compatibility: View a complete list of compatible dimmers on product page [\(Link\)](#)

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



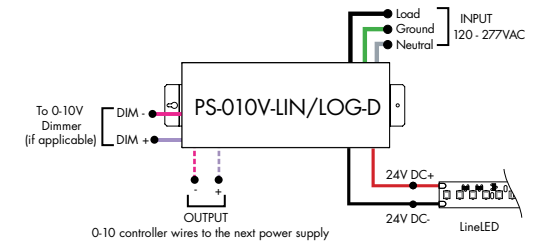
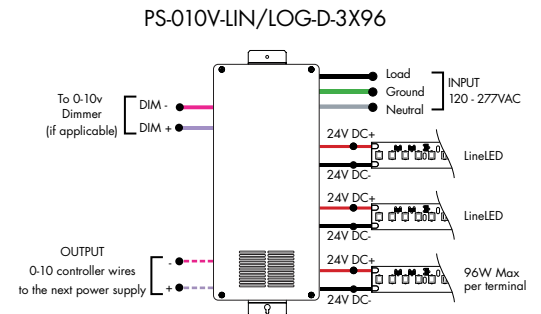
| MODELS | PS-UNI-W-30W | PS-UNI-W-60W | PS-UNI-W-96W | PS-UNI-W-3X96W |
|---------------|--------------|--------------|--------------|----------------|
| Length | 6.50" | 7.40" | 8.66" | 11.85" |
| Width | 3.73" | 3.73" | 3.73" | 4.32" |
| Depth | 1.61" | 1.61" | 1.61" | 1.81" |

| 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

| MODEL | INPUT CONTROL | ENVIRONMENT | WATTAGE | OUTPUT |
|-----------------------------|---|-------------|--------------------------------|-----------|
| PS-Power Supply, 120-277VAC | 010V-LIN-0-10V Dimming (0.1%), Linear 010V-LOG-0-10V Dimming (0.1%), Logarithmic | D-Dry | 96-96 Watts 3X96-3x96 Watts | 24-24 VDC |

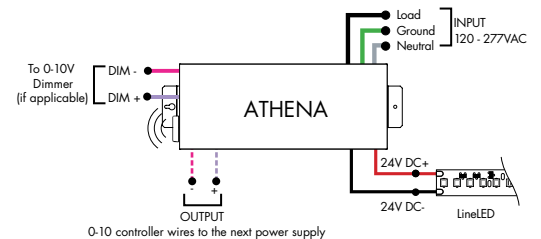
| MODELS | 96W | 3X96 |
|---------------|--------|--------|
| Length | 14.40" | 15.00" |
| Width | 5.20" | 6.62" |
| Depth | 2.60" | 4.45" |



Athena 0-10V LED Driver

| MODEL | INPUT CONTROL | ENVIRONMENT | WATTAGE | OUTPUT | FEATURE |
|-----------------------------|---|-------------|---------|-----------|-------------|
| PS-Power Supply, 120-277VAC | 010V-LIN-0-10V Dimming, Linear 010V-LOG-0-10V Dimming, Logarithmic | D-Dry | 96-96 W | 24-24 VDC | AWNR-Athena |

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



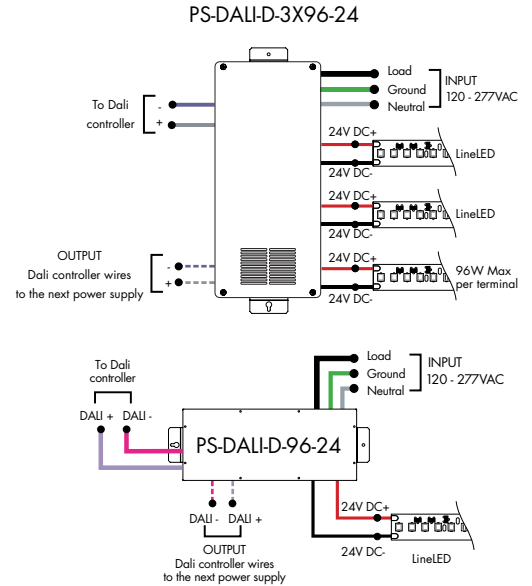
Power Supplies

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.

Ordering Code DALI1 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 3X96-3X96 Watts | 24-24 VDC |

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

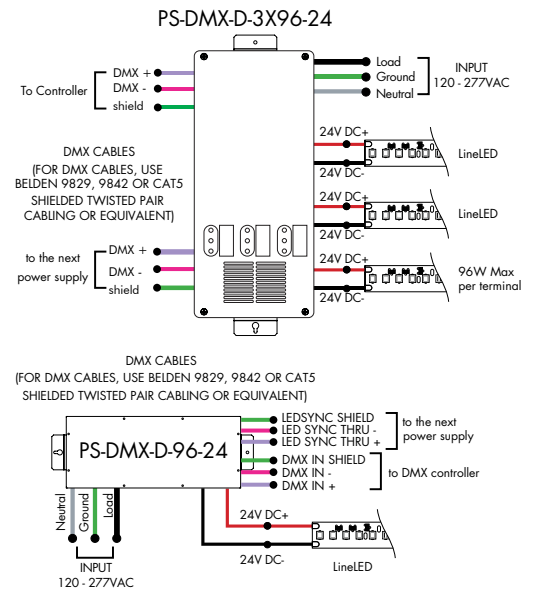


Ordering Code DMX Dimming Power Supplies 0.1% 120VAC - 277VAC Requires Zonal Control

| MODEL | INPUT CONTROL | ENVIRONMENT | WATTAGE | OUTPUT |
|-----------------------------|----------------|-------------|--------------------------------|-----------|
| PS-Power Supply, 120-277VAC | DMX-DMX (0.1%) | D-Dry | 96-96 Watts 3X96-3X96 Watts | 24-24 VDC |

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

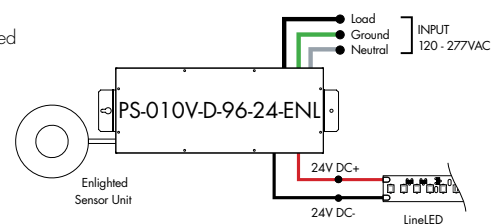
| MODELS | 96W | 3X96 |
|--------|--------|--------|
| Length | 14.40" | 15.00" |
| Width | 5.20" | 6.62" |
| Depth | 2.60" | 4.56" |



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

| MODEL | INPUT CONTROL | ENVIRONMENT | WATTAGE | OUTPUT | FEATURE |
|-----------------------------|-------------------------|-------------|-------------|-----------|-----------------------|
| PS-Power Supply, 120-277VAC | 010V-0-10V Dimming (1%) | D-Dry | 96-96 Watts | 24-24 VDC | ENL-0-10V Enlightened |

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

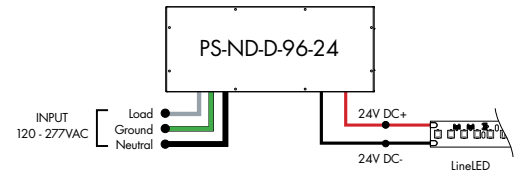


Power Supplies

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.

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

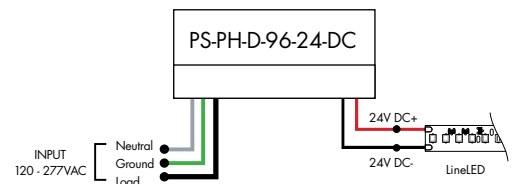
| MODEL | INPUT CONTROL | ENVIRONMENT | WATTAGE | OUTPUT |
|-------------------------------|------------------|-------------|-------------|-------------|
| PS - Power Supply, 120-277VAC | ND - Non Dimming | D - Dry | 96-96 Watts | 24 - 24 VDC |



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

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 |



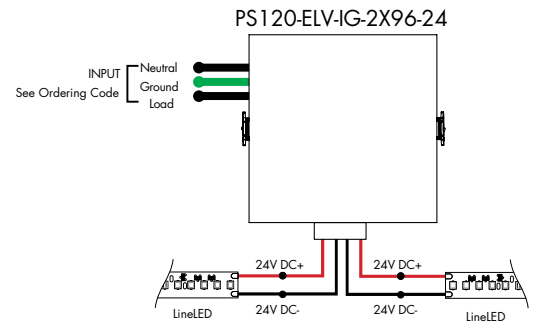
MLV/ELV/TRIAC - 1% dimming, consult dimming compatibility chart ([link](#))

NOTE:
OVER THE WHITE, GREEN, AND BLACK WIRES,
CONNECT TO ELV OR MLV DIMMER

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

Ordering Code In-Ground Power Supplies

| MODEL | INPUT CONTROL | ENVIRONMENT | WATTAGE | OUTPUT |
|--|------------------------|----------------|-----------------|-----------|
| PS120 - Power Supply, 120VAC PS240 - Power Supply, 240VAC 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

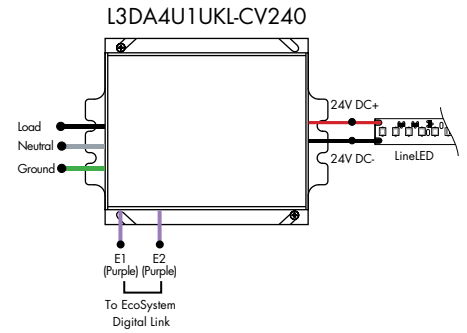
Lutron Power Supplies 1%

MODEL

L3DA4U1UKL-CV240

HiLume™ 1% EcoSystem Voltage LED driver
40W max

| MODELS | L3DA4U1UKL-CV240 |
|---------------|------------------|
| Length | 4.98" |
| Width | 4.00" |
| Depth | 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 |
|---------------|--------|
| Length | 10.50" |
| Width | 5.50" |
| Depth | 2.00" |

