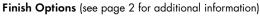
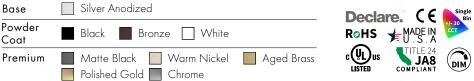
Uminii



Features

- 24VDC Class 2 fixtures made to order up to 144".Fixtures can be linked up to 40' depending on output
- Suitable for undercabinet, surface mount, and direct view applications
- Approved for closet/storage space installation per NEC 410.16(A) (3) and 410.16(C)(5) on outputs 5.7W/ft or less
- Class 2 listed for damp locations
- Dot free even illumination with frosted lens
- 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 650 lm/ft and up to 77 lm/W
- Proprietary strong bond solder method handles up to 50 lbs of pull force on wire leads and connectors
- 7 Year warranty





Technical Information

0.03

0.40

| MODEL | н | igh Color Qual | High Efficacy | | | |
|---|-----------|----------------|---------------|-----------|--|--|
| OUTPUT OPTIONS | 72SO | 72HO | 72VHO | HE64VHO | HE64XHO 693 lm/ft 9.6 W/ft | |
| Lumens Output (3000K) (with a Frosted Lens) | 159 lm/ft | 258 lm/ft | 313 lm/ft | 617 lm/ft | | |
| Average Power Consumption (for a 4' section) | 2.8 W/ft | 4.8 W/ft | 6.0 W/ft | 7.5 W/ft | | |
| Efficacy | 57 lm/W | 54 lm/W | 52 lm/W | 77 lm/W | 68 lm/W | |
| Max Run Length (in series) | 40 ft | 31 ft | 22 ft | 15 ft | 13 ft | |
| Operating Temperature Range* | | 122°F | 113°F 95°F | | | |

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

| High Color Quality (72) | | | | | | | | | | | |
|-------------------------|---------------------|-----|----|-----|----|--|--|--|--|--|--|
| сст | Multiplier | | | | | | | | | | |
| cci | (reference - 3000K) | CRI | Rf | Rg | R9 | | | | | | |
| 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 (HE64)

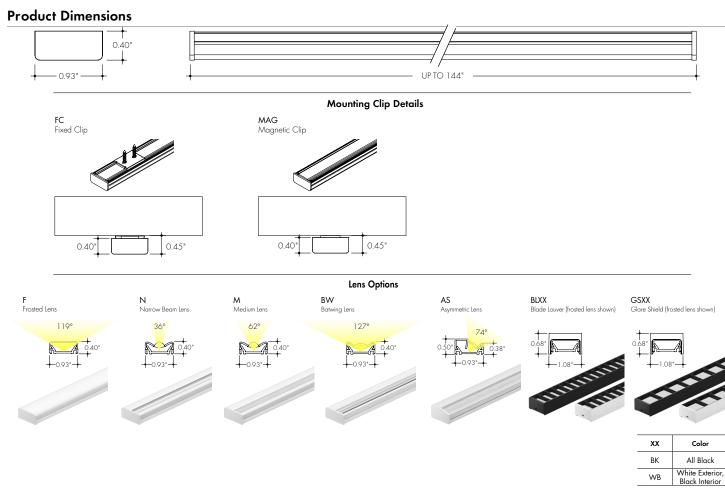
| сст | Multiplier | | TM-30 | | | | | |
|-------|---------------------|-----|-------|----|----|--|--|--|
| cci | (reference - 3000K) | CRI | Rf | Rg | Rg | | | |
| 2200K | 0.73 | 92 | 91 | 97 | 42 | | | |
| 2500K | 0.81 | 93 | 96 | 96 | 62 | | | |
| 2700K | 0.94 | 92 | 90 | 99 | 58 | | | |
| 3000K | 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 | CCT | LENS ² | MOUNTING | FINISH ³ | POSITION TYPE | POWER FEED | ACCESSORIES ⁴ |
|------------------------------|----------------------------------|--|---|---|---|--|---|--|--|
| | | | - | - | | - | - | - | |
| Bar -Bara | 12" - 144" 1" increments | 72SO-Standard 72HO-High 72VHO-Very High | 19K-1900K 22K-2200K 24K-2400K 27K-2700K 30K-3000K 35K-3500K 41K-4100K | F - Frosted N - Narrow Beam M - Medium BW - Batwing AS - Asymmetric | FC - Fixed Clip MAG - Magnetic ⁵ | STANDARD SA - Silver Anodized POWDERED COAT BK - Black ⁶ BZ - Bronze WH - White ⁶ | E - End B - Back LE - Left End* RE - Right End* LB - Left Back* RB - Right Back* | 72" wire leads 72" wire leads at both ends 72" wire leads at one end and Quick Connect at other Single Quick Connect Uaul Quick Connect Plenum rated [72" wire leads) | - N/A, leave blank BLBK-Blade louver, Black BLWB-Blade louver, Black White/Black GSBK-Glare Shield, Black GSWB-Glare Shield, White/Black |
| | | HE64VHO-Very High HE64XHO-Max | 22K-2200K 25K-2500K 27K-2700K 30K-3000K 35K-3500K 40K-4000K | | | PREMIUM MBK - Matte Black WN - Warm Nickel AB - Aged Brass PG - Polished Gold ⁷ CH - Chrome ⁷ | * Only available with Asymetric Lens | P1X2 - Plenum rated (72" wire leads at both ends) | |
| 2 - All High E with Title | fficacy options 24 IA8 depend | ments are available, please can be used to comply with ing on Output, CCT, and b e extended lead times. Cus | n Title 24 JA8. Hig ens selections. See | h Color Quality options multiplier charts to calcu | can be used to comply late specific efficacies. de Sales with specific request. | 4 - Louver Accessories are not 5 - Not Available with Blade I 6 - Black or White finish must 7 - Polished Gold finishes and | ouve'r or Glare Shield. be used with louver or g | | |

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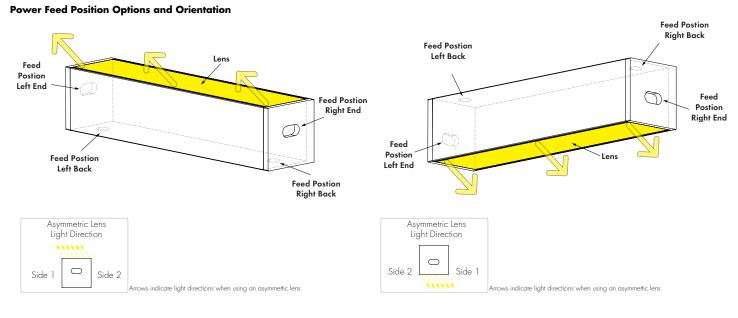
Finish Options

- Finish options are available in a wide variety, allowing for complete customization of style and aesthetic.

- Non Base finishes may have extended lead times.
 Polished Gold, and Chrome finishes have a maximum fixture length of 96".
 Custom RALs are available, please consult Inside Sales with specific request.
 Narrow, Medium, Batwing, and Asymmetric lens offerings will always come with a white finish on the front reflector.

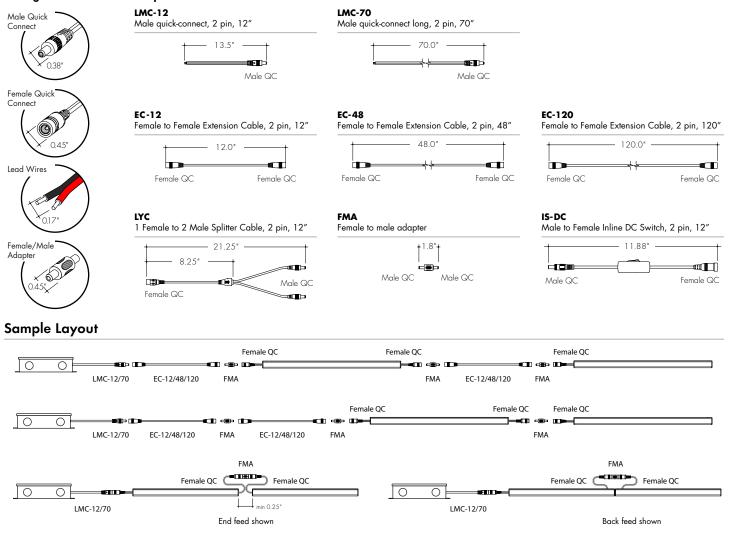
| Silver Anodized Base | Black Powder Coat | Bronze Powder Coat | White Powder Coat | Matte Black Premium |
|--|---|---|--|---|
| | | | | |
| Silver Anodized is a soft silver with a clear finish. | Black is a true deep black with a glossy finish. | Bronze is a rich, dark brown with a satin finish. | White is a polar bright white and field paintable. | Matte Black is a dark, pitch-black with a soft flat finish. |
| Warm Nickel Premium | Aged Brass Premium | Polished Gold Premium | Chrome Premium | Black with Narrow Beam |
| | | | | |
| Warm Nickel is a soft, silvery smoke with warm tones and a satin finish. | Aged Brass is a deep brown shade with slightly golden undertones. | Polished Gold is bright and radiant for a brilliant finish. | | NOTE: Either a white finish or louver/ glare shield is recommended with these lens options. |

Powerfeeds and Connectors



Powerfeeds and Connectors

Linking and Extension Cable Options





Light Transmission and Dotting

| | Lens/Accessory | | | | | | | | | | |
|--|----------------|------------------|--------------|-------------|-----------------|--|--|--|--|--|--|
| Output Options | Batwing Lens | Narrow Beam Lens | Frosted Lens | Medium Lens | Asymmetric Lens | | | | | | |
| 72SO | CD | CD | ND | CD | CD | | | | | | |
| 72HO | CD | CD | ND | CD | CD | | | | | | |
| 72VHO | CD | CD | ND | CD | CD | | | | | | |
| HE64VHO | CD | CD | ND | CD | CD | | | | | | |
| HE64XHO | CD | CD | ND | CD | CD | | | | | | |
| Transmission Percentage | 110% | 107% | 100% | 97% | 84% | | | | | | |
| Transmission Percentage With Blade Louver | 46% | 53% | 39% | 46% | Not Compatible | | | | | | |
| Transmission Percentage With Glare Shield | 64% | 73% | 54% | 66% | Not Compatible | | | | | | |



 CD
 SD
 ND

 CD
 Clear Dotting

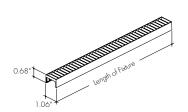
 SD
 Slight Dotting

 ND
 No Dotting

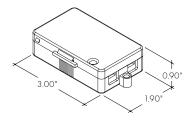
Accessory Options

LV-BL-BARC-24-XX

Blade Louver reduces glare at high angle in two directions Also available with complete fixture, use ordering code -BLXX

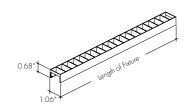


LVSP-4T-BK Low Voltage, 4 Terminal Splice Box, Black

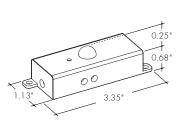


LV-GS-BARC-24-XX

Glare Shield reduces glare at high angle, field cuttable. Also available with complete fixture, use ordering code -GSXX



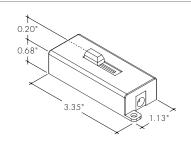
OS-DC-F4-BK Occupancy Sensor



Male Quick Connect, FMA, LMC, LYC, or IS-DC are required for input and output.

| хх | Color |
|----|-----------------------------------|
| ВК | All Black |
| WB | White Exterior, Black Interior |

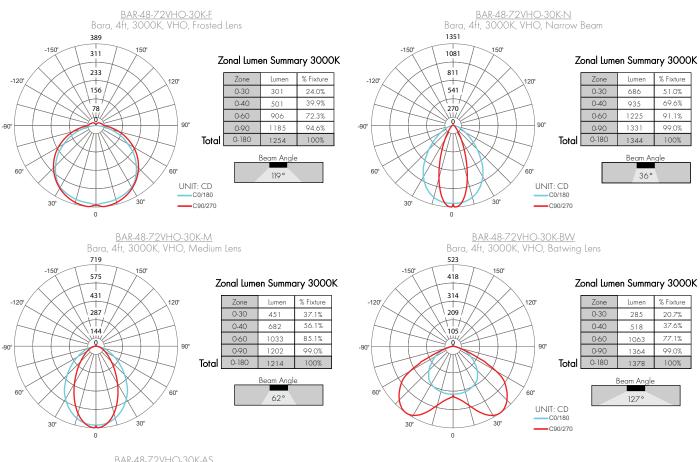
DIM-DC-F4-BK 24VDC Low Voltage In-line Dimmer Module



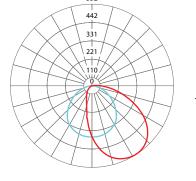
Male Quick Connect, FMA, LMC, LYC, or IS-DC are required for input and output.



Photometry



BAR-48-72VHO-30K-AS Bara, 4ft, 3000K, VHO, Asymmetric Lens



| Zonal lumen Summary 3000K Zone lumen % Fixture 0.30 247 23.3% 0.40 413 39.1% | | | | | | | | | |
|--|------|-------|-----------|--|--|--|--|--|--|
| | Zone | Lumen | % Fixture | | | | | | |
| | 0-30 | 247 | 23.3% | | | | | | |
| | 0-40 | 413 | 39.1% | | | | | | |
| | 0-60 | 769 | 72.8% | | | | | | |
| | 0.00 | 1020 | 08.3% | | | | | | |

| | 0.70 | 1037 | 70.076 |
|-------|-------|------------|--------|
| Total | 0-180 | 1057 | 100% |
| | | Beam Angle | • |
| | | 74 ° | |

Photometry Charts

| | OUTPUT OPTIONS | LIGHT LOSS FACTOR |
|-----------------------|------------------------------|-------------------|
| ŗ | 7250 | 51% |
| High Color Quality | 72HO | 82% |
| .₫ð T | 72VHO (Tested data shown) | 100% |
| High fficacy | HE64VHO | 197% |
| Efficiencies | HE64XHO | 221% |

Power Consumption

Tested at Full Power with PDC Series power supplies.

*For Back Feed add 4/16" (1/4") to Actual Length. Standard Nominal Lengths offered provide minimal shadowing. For alternate lengths, please consult Inside Sales with specific request.

| High | Color | Quality | (72) |
|------|-------|---------|------|
|------|-------|---------|------|

| Nominal | End Feed | | Watts | | Nominal | End Feed | | Watts | | Nominal | End Feed | | Watts | | Nominal | End Feed | | Watts | |
|----------------|-------------------|------|-------|------|----------------|-------------------|------|-------|------|----------------|-------------------|------|-------|------|----------------|-------------------|------|-------|------|
| Length (in) | Actual Length* | so | НО | VHO | Length (in) | Actual Length* | so | но | VHO | Length (in) | Actual Length* | so | НО | VHO | Length (in) | Actual Length* | so | но | VHO |
| 12 | 11 1/16 | 2.7 | 4.4 | 6.2 | 47 | 46 15/16 | 10.5 | 17.4 | 23.1 | 82 | 81 11/16 | 18.3 | 29.5 | 38.4 | 117 | 116 7/16 | 25.9 | 40.8 | 52.4 |
| 13 | 12 4/16 | 2.7 | 4.4 | 6.2 | 48 | - | - | - | - | 83 | 82 14/16 | 18.5 | 29.8 | 38.8 | 118 | 117 9/16 | 26.1 | 41.1 | 52.8 |
| 14 | 13 6/16 | 2.9 | 4.8 | 6.7 | 49 | 48 2/16 | 10.7 | 17.8 | 23.5 | 84 | - | | - | - | 119 | 118 12/16 | 26.3 | 41.4 | 53.2 |
| 15 | 14 9/16 | 3.1 | 5.2 | 7.3 | 50 | 49 4/16 | 11.1 | 18.6 | 24.4 | 85 | 84 | 18.7 | 30.1 | 39.2 | 120 | 119 15/16 | 26.5 | 41.7 | 53.6 |
| 16 | 15 11/16 | 3.4 | 5.6 | 7.8 | 51 | 50 7/16 | 11.4 | 18.9 | 24.9 | 86 | 85 3/16 | 19.2 | 30.8 | 40.0 | 121 | - | - | - | - |
| 17 | 16 14/16 | 3.6 | 6.0 | 8.3 | 52 | 51 9/16 | 11.6 | 19.3 | 25.3 | 87 | 86 5/16 | 19.4 | 31.1 | 40.4 | 122 | 121 1/16 | 26.7 | 42.0 | 54.0 |
| 18 | - | - | - | - | 53 | 52 12/16 | 11.9 | 19.7 | 25.7 | 88 | 87 8/16 | 19.6 | 31.5 | 40.8 | 123 | 122 4/16 | 27.1 | 42.6 | 54.7 |
| 19 | 18 | 3.9 | 6.5 | 8.9 | 54 | 53 14/16 | 12.1 | 20.1 | 26.1 | 89 | 88 10/16 | 19.9 | 31.8 | 41.1 | 124 | 123 6/16 | 27.3 | 42.9 | 55.0 |
| 20 | 19 3/16 | 4.4 | 7.3 | 9.9 | 55 | - | - | - | - | 90 | 89 13/16 | 20.1 | 32.2 | 41.5 | 125 | 124 9/16 | 27.5 | 43.1 | 55.4 |
| 21 | 20 5/16 | 4.6 | 7.7 | 10.5 | 56 | 55 1/16 | 12.3 | 20.5 | 26.6 | 91 | 90 15/16 | 20.4 | 32.5 | 41.9 | 126 | 125 11/16 | 27.7 | 43.4 | 55.7 |
| 22 | 21 8/16 | 4.8 | 8.1 | 11.0 | 57 | 56 4/16 | 12.8 | 21.3 | 27.4 | 92 | - | - | - | - | 127 | 126 14/16 | 27.9 | 43.7 | 56.1 |
| 23 | 22 10/16 | 5.1 | 8.6 | 11.5 | 58 | 57 6/16 | 13.1 | 21.6 | 27.8 | 93 | 92 2/16 | 20.6 | 32.9 | 42.3 | 128 | - | - | - | - |
| 24 | 23 13/16 | 5.3 | 9.0 | 12.1 | 59 | 58 9/16 | 13.3 | 22.0 | 28.3 | 94 | 93 4/16 | 21.1 | 33.6 | 43.1 | 129 | 128 | 28.1 | 43.9 | 56.4 |
| 25 | 24 15/16 | 5.6 | 9.4 | 12.6 | 60 | 59 11/16 | 13.6 | 22.4 | 28.7 | 95 | 94 7/16 | 21.3 | 33.9 | 43.4 | 130 | 129 3/16 | 28.5 | 44.5 | 57.1 |
| 26 | - | - | - | - | 61 | 60 14/16 | 13.8 | 22.8 | 29.1 | 96 | 95 9/16 | 21.5 | 34.2 | 43.8 | 131 | 130 5/16 | 28.7 | 44.7 | 57.4 |
| 27 | 26 2/16 | 5.8 | 9.8 | 13.1 | 62 | - | - | - | - | 97 | 96 12/16 | 21.8 | 34.6 | 44.2 | 132 | 131 8/16 | 28.9 | 45.0 | 57.8 |
| 28 | 27 4/16 | 6.2 | 10.5 | 14.1 | 63 | 62 | 14.0 | 23.1 | 29.6 | 98 | 97 15/16 | 22.0 | 34.9 | 44.6 | 133 | 132 10/16 | 29.1 | 45.3 | 58.1 |
| 29 | 28 7/16 | 6.5 | 10.9 | 14.5 | 64 | 63 3/16 | 14.5 | 23.8 | 30.5 | 99 | - | - | - | - | 134 | 133 13/16 | 29.3 | 45.5 | 58.4 |
| 30 | 29 9/16 | 6.7 | 11.2 | 15.0 | 65 | 64 5/16 | 14.7 | 24.1 | 31.0 | 100 | 99 1/16 | 22.2 | 35.2 | 45.0 | 135 | 134 15/16 | 29.5 | 45.7 | 58.7 |
| 31 | 30 12/16 | 6.9 | 11.6 | 15.5 | 66 | 65 8/16 | 14.9 | 24.4 | 31.4 | 101 | 100 4/16 | 22.5 | 35.9 | 45.9 | 136 | - | - | - | - |
| 32 | 31 14/16 | 7.1 | 12.0 | 16.0 | 67 | 66 10/16 | 15.1 | 24.7 | 31.9 | 102 | 101 6/16 | 22.7 | 36.2 | 46.3 | 137 | 136 2/16 | 29.6 | 45.9 | 59.1 |
| 33 | - | - | _ | - | 68 | 67 13/16 | 15.3 | 25.0 | 32.4 | 103 | 102 9/16 | 22.9 | 36.5 | 46.7 | 138 | 137 4/16 | 30.0 | 46.3 | 59.7 |
| 34 | 33 1/16 | 7.3 | 12.3 | 16.5 | 69 | 68 15/16 | 15.5 | 25.4 | 32.8 | 104 | 103 11/16 | 23.1 | 36.8 | 47.1 | 139 | 138 7/16 | 30.2 | 46.5 | 60.0 |
| 35 | 34 4/16 | 7.8 | 13.1 | 17.4 | 70 | - | - | - | - | 105 | 104 14/16 | 23.3 | 37.1 | 47.5 | 140 | 139 9/16 | 30.3 | 46.8 | 60.3 |
| 36 | 35 6/16 | 8.0 | 13.4 | 17.9 | 71 | 70 2/16 | 15.8 | 25.7 | 33.3 | 106 | - | - | - | - | 141 | 140 12/16 | 30.5 | 47.0 | 60.6 |
| 37 | 36 9/16 | 8.2 | 13.8 | 18.4 | 72 | 71 4/16 | 16.2 | 26.3 | 34.2 | 107 | 106 | 23.5 | 37.4 | 48.0 | 142 | 141 15/16 | 30.7 | 47.2 | 61.0 |
| 38 | 37 11/16 | 8.4 | 14.2 | 18.9 | 73 | 72 7/16 | 16.4 | 26.6 | 34.7 | 108 | 107 3/16 | 23.9 | 38.1 | 48.8 | 143 | - | - | - | - |
| 39 | 38 14/16 | 8.7 | 14.5 | 19.3 | 74 | 73 9/16 | 16.6 | 26.9 | 35.1 | 109 | 108 5/16 | 24.1 | 38.4 | 49.2 | 144 | 143 1/16 | 30.8 | 47.4 | 61.3 |
| 40 | - | - | - | - | 75 | 74 12/16 | 16.8 | 27.3 | 35.5 | 110 | 109 8/16 | 24.3 | 38.7 | 49.6 | | | | | |
| 41 | 40 | 8.9 | 14.9 | 19.8 | 76 | 75 14/16 | 17.1 | 27.6 | 35.9 | 111 | 110 10/16 | 24.5 | 39.0 | 50.0 | | | | | |
| 42 | 41 3/16 | 9.3 | 15.6 | 20.7 | 77 | - | - | - | - | 112 | 111 13/16 | 24.8 | 39.3 | 50.4 | | | | | |
| 43 | 42 5/16 | 9.6 | 16.0 | 21.2 | 78 | 77 1/16 | 17.3 | 27.9 | 36.3 | 113 | 112 15/16 | 25.0 | 39.6 | 50.8 | | | | | |
| 44 | 43 8/16 | 9.8 | 16.4 | 21.7 | 79 | 78 4/16 | 17.7 | 28.5 | 37.2 | 114 | - | - | - | - | | | | | |
| 45 | 44 10/16 | 10.0 | 16.7 | 22.1 | 80 | 79 6/16 | 17.9 | 28.9 | 37.6 | 115 | 114 2/16 | 25.2 | 39.9 | 51.2 | | | | | |
| 46 | 45 13/16 | 10.2 | 17.1 | 22.6 | 81 | 80 9/16 | 18.1 | 29.2 | 38.0 | 116 | 115 4/16 | 25.6 | 40.5 | 52.0 | | | | | |

Power Consumption

Tested at Full Power with PDC Series power supplies.

*For Back Feed add 4/16" (1/4") to Actual Length. Standard Nominal Lengths offered provide minimal shadowing. For alternate lengths, please consult Inside Sales with specific request.

| High Efficacy (HE64) | | | | | | | | | | | | | | | |
|----------------------|----------------|------|------|-------------|----------------|------|------|-------------|----------------|-------|------|-------------|----------------|-------|------|
| Nominal | End Feed | w | atts | Nominal | End Feed | w | atts | Nominal | End Feed | Watts | | Nominal | End Feed | Watts | |
| Length (in) | Actual Length* | VHO | хно | Length (in) | Actual Length* | VHO | ХНО | Length (in) | Actual Length* | VHO | ХНО | Length (in) | Actual Length* | VHO | хно |
| 12 | 11 4/16 | 7.6 | 9.7 | 47 | 46 1/16 | 28.2 | 35.9 | 82 | - | - | - | 117 | | - | _ |
| 13 | 12 12/16 | 7.6 | 9.7 | 48 | 47 9/16 | 29.5 | 37.6 | 83 | 82 7/16 | 51.7 | 63.4 | 118 | 117 4/16 | 72.8 | 80.7 |
| 14 | - | - | - | 49 | - | - | - | 84 | 83 15/16 | 52.3 | 63.8 | 119 | 118 12/16 | 73.3 | 81.0 |
| 15 | 14 4/16 | 8.9 | 11.3 | 50 | 49 2/16 | 30.1 | 38.4 | 85 | - | I | - | 120 | - | - | - |
| 16 | 15 13/16 | 9.5 | 12.1 | 51 | 50 10/16 | 31.4 | 40.2 | 86 | 85 7/16 | 53.6 | 64.7 | 121 | 120 4/16 | 74.4 | 81.7 |
| 17 | - | - | - | 52 | - | _ | _ | 87 | 86 15/16 | 54.2 | 65.3 | 122 | 121 12/16 | 74.8 | 82.0 |
| 18 | 17 5/16 | 10.7 | 13.6 | 53 | 52 2/16 | 32.0 | 41.1 | 88 | - | - | | 123 | - | - | - |
| 19 | 18 13/16 | 11.4 | 14.4 | 54 | 53 10/16 | 33.3 | 42.9 | 89 | 88 7/16 | 55.5 | 66.3 | 124 | 123 5/16 | 75.6 | 82.5 |
| 20 | - | _ | _ | 55 | - | _ | _ | 90 | 90 | 56.2 | 66.8 | 125 | 124 13/16 | 76.0 | 82.8 |
| 21 | 20 5/16 | 12.6 | 16.0 | 56 | 55 2/16 | 34.0 | 43.8 | 91 | - | - | - | 126 | - | - | _ |
| 22 | 21 13/16 | 13.2 | 16.8 | 57 | 56 11/16 | 35.2 | 45.5 | 92 | 91 8/16 | 57.5 | 67.9 | 127 | 126 5/16 | 76.8 | 83.4 |
| 23 | - | - | - | 58 | - | _ | _ | 93 | - | - | - | 128 | 127 13/16 | 77.2 | 83.6 |
| 24 | 23 6/16 | 14.5 | 18.3 | 59 | 58 3/16 | 36.5 | 47.3 | 94 | 93 | 58.2 | 68.4 | 129 | - | | _ |
| 25 | 24 14/16 | 15.1 | 19.1 | 60 | 59 11/16 | 37.2 | 48.2 | 95 | 94 8/16 | 59.5 | 69.5 | 130 | 129 6/16 | 78.0 | 84.2 |
| 26 | - | - | - | 61 | - | - | - | 96 | - | - | - | 131 | 130 14/16 | 78.4 | 84.5 |
| 27 | 26 6/16 | 16.4 | 20.7 | 62 | 61 3/16 | 38.4 | 50.0 | 97 | 96 1/16 | 60.1 | 70.0 | 132 | - | - | - |
| 28 | 27 14/16 | 17.0 | 21.4 | 63 | 62 12/16 | 39.1 | 50.8 | 98 | 97 9/16 | 61.4 | 71.1 | 133 | 132 6/16 | 79.2 | 85.0 |
| 29 | - | _ | - | 64 | - | - | - | 99 | - | _ | _ | 134 | 133 14/16 | 79.6 | 85.4 |
| 30 | 29 7/16 | 18.2 | 23.0 | 65 | 64 4/16 | 40.4 | 52.5 | 100 | 99 1/16 | 62.0 | 71.7 | 135 | - | - | - |
| 31 | 30 15/16 | 18.9 | 23.8 | 66 | 65 12/16 | 41.0 | 53.4 | 101 | 100 9/16 | 63.2 | 72.9 | 136 | 135 7/16 | 80.3 | 86.2 |
| 32 | - | _ | _ | 67 | - | _ | _ | 102 | - | - | - | 137 | 136 15/16 | 80.6 | 86.6 |
| 33 | 32 7/16 | 20.1 | 25.3 | 68 | 67 4/16 | 42.3 | 55.1 | 103 | 102 1/16 | 63.8 | 73.5 | 138 | - | | _ |
| 34 | 33 15/16 | 20.7 | 26.1 | 69 | 68 12/16 | 42.9 | 55.9 | 104 | 103 10/16 | 65.0 | 74.7 | 139 | 138 7/16 | 81.3 | 87.5 |
| 35 | - | - | - | 70 | - | _ | _ | 105 | - | - | - | 140 | 139 15/16 | 81.7 | 87.9 |
| 36 | 35 7/16 | 22.0 | 27.6 | 71 | 70 5/16 | 44.2 | 57.6 | 106 | 105 2/16 | 65.6 | 75.3 | 141 | - | - | - |
| 37 | 37 | 22.6 | 28.4 | 72 | 71 13/16 | 44.9 | 58.5 | 107 | 106 10/16 | 66.8 | 76.5 | 142 | 141 7/16 | 82.4 | 88.7 |
| 38 | - | - | | 73 | - | - | - | 108 | - | | | 143 | 143 | 82.7 | 89.1 |
| 39 | 38 8/16 | 23.9 | 30.1 | 74 | 73 5/16 | 46.1 | 59.7 | 109 | 108 2/16 | 67.4 | 77.1 | 144 | - | - | - |
| 40 | - | - | - | 75 | 74 13/16 | 46.7 | 60.1 | 110 | 109 11/16 | 68.5 | 78.0 | | | | |
| 41 | 40 | 24.5 | 30.9 | 76 | - | - | - | 111 | - | - | - | | | | |
| 42 | 41 8/16 | 25.7 | 32.6 | 77 | 76 6/16 | 48.0 | 60.9 | 112 | 111 3/16 | 69.6 | 78.7 | | | | |
| 43 | - | - | - | 78 | 77 14/16 | 48.6 | 61.3 | 113 | 112 11/16 | 70.1 | 79.0 | | | | |
| 44 | 43 1/16 | 26.4 | 33.4 | 79 | - | | | 114 | - | - | - | | | | |
| 45 | 44 9/16 | 27.6 | 35.1 | 80 | 79 6/16 | 49.8 | 62.2 | 115 | 114 3/16 | 71.2 | 79.7 | | | | |
| 46 | - | - | - | 81 | 80 14/16 | 50.4 | 62.6 | 116 | 115 12/16 | 71.7 | 80.0 | | | | |

High Efficacy (HE64)



Voltage Drop Calculator

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

| Wattage [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 | | | |
| 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 | | | |

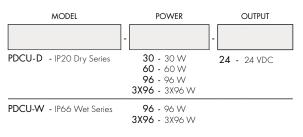
Power Supplies

the Resources page.

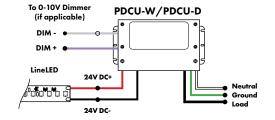
See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

Universal Power Supply 1% 120VAC - 277VAC

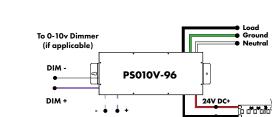
0-10V dims down to 1%, MLV/ELV/TRIAC dims down to 1%.



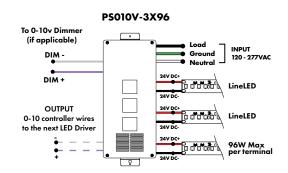
For a complete list of compatible dimmers, see <u>Compatible Dimming Chart</u> on



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



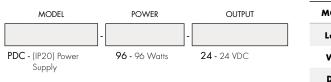
OUTPUT 24V DC- LineLED
0-10 controller wires to the next LED Driver

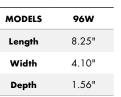


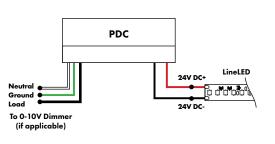
0-10V Dimming Power Supplies 0.1% 120VAC - 277VAC

| M | ODEL | POW | ER | OUTPUT | DIMMING | |
|-----------------------|--------------------------------|-------------------------------------|----|-------------|-----------------------------------|--|
| | | - | - | | - | |
| PSO10V - 0-10 dims | V Power Supply down to 0.1% | 96 - 96 3X96 - 3 X | | 24 - 24 VDC | LIN - Linear LOG - Logarithmic | |
| MODELS | 96W | 3X96 | | | | |
| Length | 14.40" | 15.75" | | | | |
| Width | 5.20" | 6.62" | | | | |
| Depth | 2.60" | 4.95" | | | | |
| | | | | | | |

Triac, MLV, & ELV Compatible Dimmers







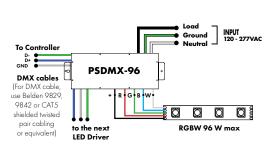
www.luminii.com

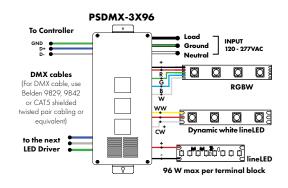
Power Supplies

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 S | MODELS | 96W | 3X96 | | | |
|---|------------------------------------|-------------|------|--------|--------|--------|
| MODEL | POWER | OUTPUT | _ | Length | 14.40" | 15.75" |
| | - | - | | Width | 5.20" | 6.62" |
| PSDMX - DMX Power Supply dims down to 0% | 96 - 96 Watt 3X96 - 3 X 96 Watt | 24 - 24 VDC | | Depth | 2.60" | 4.95" |
| dims down to 0% | 3X96 - 3 X 96 VVatt | | | | | |

Features eldoLED's LINEARdrive configurable dimmable drivers



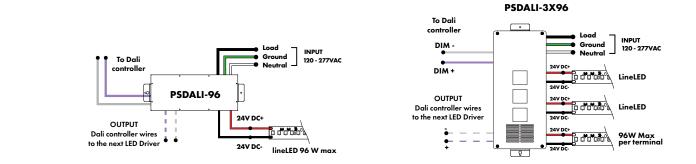


DALI 0% Dimming Power Supplies 120VAC - 277VAC

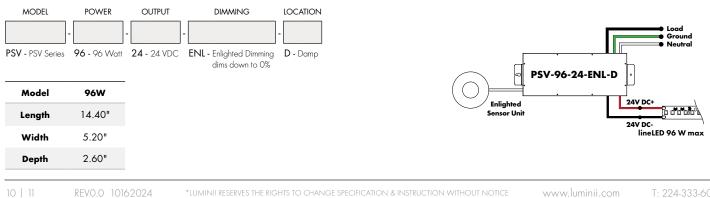


Features eldoLED's LINEARdrive configurable dimmable drivers

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



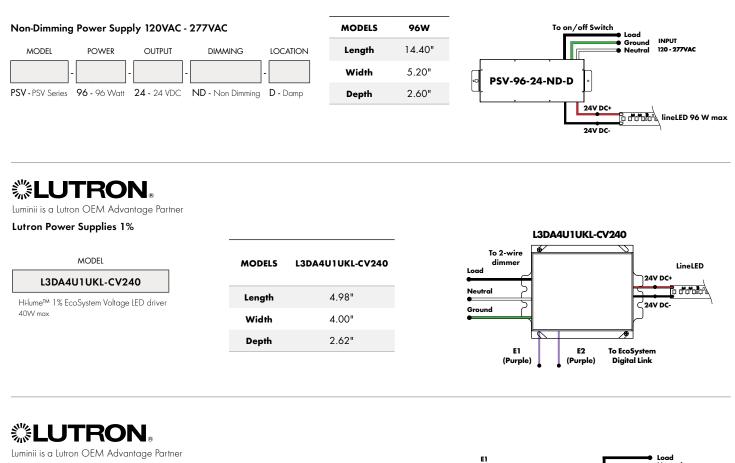
Enlighted Enabled Dimming Power Supplies 120VAC - 277VAC





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.



(Purple)

(if applicable)

Lutron Power Supplies 0.1%

| | | | E2 • | ┑│ I∥Г |
|---|--------|--------|------------------------------|---------------|
| MODEL | MODELS | L3D0 | - (Purple) | • • |
| L3D0-96W24V-U | Length | 10.50" | To EcoSystem Digital Link | L3D0-96W24V-U |
| Hiłume™ 0.1% EcoSystem Voltage LED Driver with Soft-On, Fade-to-Black™ 96W max | Width | 5.50" | l | |
| | Depth | 2.00" | | |

In-Ground Power Supplies

| | • · · · • • • • • • • • • • • • • • • • | | OUTPUT | | Neutral | | |
|-------------------------|--|-----------------------|--------------------|----------------------------------|---------------------------------------|-----------------|------------------|
| | MODEL | POWER | OUIPUI | INPUT | | | |
| | - | - | - | | Load LINE VOLTAGE INPUT 120V AC | IG-CVE-96X2-2 | 4 |
| IG - In ground C | VE Series CVE - ELV Dimming DALI - eldoLED Dal dimming Both dims down to 0% | i | 24 - 24 VDC | Blank - 120 V 277 - 240/277 V | | 24V DC- | 24V DC+ |
| MODELS | Dual Circuit | | | | | L | lineLED 96 W max |
| Length | 8.40" | | | | | | |
| Width | 8.30" | | | | | | |
| Depth | 8.10" | | | | | | |
| 11 11 | REVO.0 10162024 | *LUMINII RESERVES THE | e rights to chang | ge specification & instruc | TION WITHOUT NOTICE | www.luminii.com | T: 224-333-6033 |

LineLED

24V DC+

24V DC