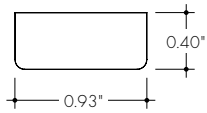


**Features**

- 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



**Finish Options** (see page 2 for additional information)

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



**Technical Information**

MODEL	High Color Quality			High Efficacy	
	72SO	72HO	72VHO	HE64VHO	HE64XHO
<b>OUTPUT OPTIONS</b>					
<b>Lumens Output (3000K)</b> <small>(with a Frosted Lens)</small>	159 lm/ft	258 lm/ft	313 lm/ft	617 lm/ft	693 lm/ft
<b>Average Power Consumption</b> <small>(for a 4" section)</small>	2.8 W/ft	4.8 W/ft	6.0 W/ft	7.5 W/ft	9.6 W/ft
<b>Efficacy</b>	57 lm/W	54 lm/W	52 lm/W	77 lm/W	68 lm/W
<b>Max Run Length</b> <small>(in series)</small>	40 ft	31 ft	22 ft	15 ft	13 ft
<b>Operating Temperature Range*</b>	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)**

CCT	Multiplier <small>(reference - 3000K)</small>	TM-30			
		CRI	R <sub>f</sub>	R <sub>g</sub>	R <sub>9</sub>
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)**

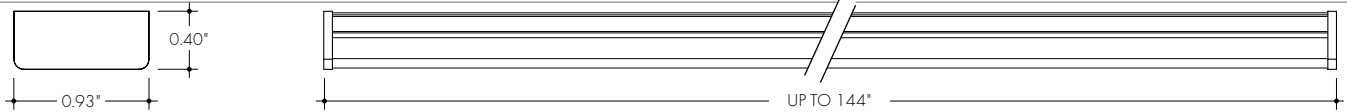
CCT	Multiplier <small>(reference - 3000K)</small>	TM-30			
		CRI	R <sub>f</sub>	R <sub>g</sub>	R <sub>9</sub>
2200K	0.73	92	91	97	42
2500K	0.81	93	96	96	62
2700K	0.94	92	90	99	58
3000K	1.00	92	89	99	57
3500K	1.02	92	89	99	60
4000K	1.02	92	86	94	71

**Ordering Code**

MODEL	LENGTH <sup>1</sup>	OUTPUT	CCT	LENS <sup>2</sup>	MOUNTING	FINISH <sup>3</sup>	POSITION TYPE	POWER FEED	ACCESSORIES <sup>4</sup>
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	STANDARD SA-Silver Anodized  POWDERED COAT BK-Black <sup>5</sup> BZ-Bronze <sup>5</sup> WH-White  PREMIUM MBK-Matte Black WN-Warm Nickel AB-Aged Brass PG-Polished Gold <sup>6</sup> CH-Chrome <sup>6</sup>	E-End B-Back  LE-Left End* RE-Right End* LB-Left Back* RB-Right Back*  * Only available with Asymmetric Lens	1-72" wire leads 1X2-72" wire leads at both ends 2-72" wire leads at one end and Quick Connect at other 3-Single Quick Connect 4-Dual Quick Connect P1-Plenum rated (72" wire leads) PIX2-Plenum rated (72" wire leads at both ends)	N/A, leave blank BLBK-Blade lower, Black BLWB-Blade Lower, White/Black GSBK-Glare Shield, Black GSWB-Glare Shield, White/Black
	12" - 144" 2" increments	HE64VHO - Very High HE64XHO - Max	22K-2200K 25K-2500K 27K-2700K 30K-3000K 35K-3500K 40K-4000K						

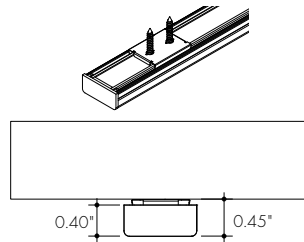
1 - Custom lengths and increments are available, please consult Inside Sales with specific request.  
 2 - All High Efficacy options can be used to comply with Title 24 JA8. High Color Quality options can be used to comply with Title 24 JA8 depending on Output, CCT, and Lens selections. See multiplier charts to calculate specific efficacies.  
 3 - Non SA finishes may have extended lead times. Custom RALs are available, please consult Inside Sales with specific request.  
 4 - Lower Accessories are not compatible with Asymmetric lens.  
 5 - Recommended to be used with lower or glare shield. See page 2.  
 6 - Polished Gold finishes and Chrome finishes have a maximum fixture length of 96".

**Product Dimensions**

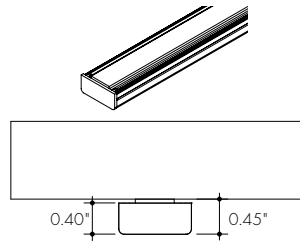


**Mounting Clip Details**

FC  
Fixed Clip

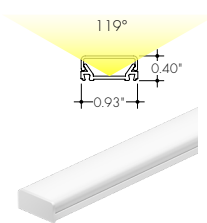


MAG  
Magnetic Clip

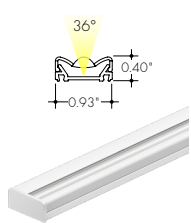


**Lens Options**

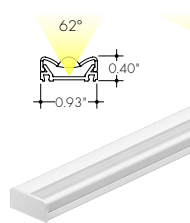
F  
Frosted Lens



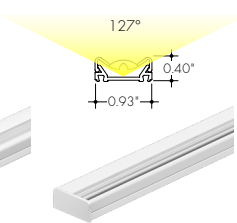
N  
Narrow Beam Lens



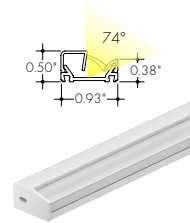
M  
Medium Lens



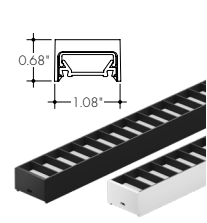
BW  
Batwing Lens



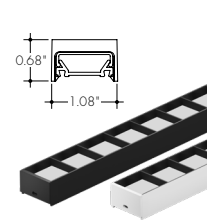
AS  
Asymmetric Lens



BLXX  
Blade Louver (frosted lens shown)



GSXX  
Glare Shield (frosted lens shown)



XX	Color
BK	All Black
WB	White Exterior, Black Interior

**Finish Options**

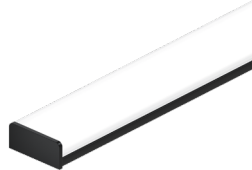
- Finish options are available in a wide variety, allowing for complete customization of style and aesthetic.
- Non Silver Anodized finishes may have extended lead times.
- Polished Gold, and Chrome finishes have a maximum fixture length of 96".
- Custom RALs are available, please consult Inside Sales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

**Silver Anodized**  
Standard



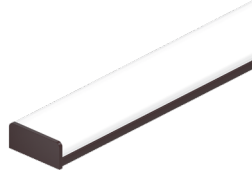
Silver Anodized is a soft silver with a clear finish.

**Black**  
Powdered Coat



Black is a true deep black with a glossy finish.

**Bronze**  
Powdered Coat



Bronze is a rich, dark brown with a satin finish.

**White**  
Powdered Coat



White is a polar bright white and field paintable.

**Matte Black**  
Premium



Matte Black is a dark, pitch-black with a soft flat finish.

**Warm Nickel**  
Premium



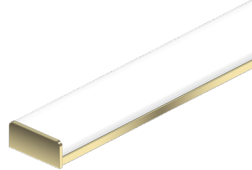
Warm Nickel is a soft, silvery smoke with warm tones and a satin finish.

**Aged Brass**  
Premium



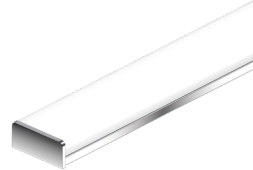
Aged Brass is a deep brown shade with slightly golden undertones.

**Polished Gold**  
Premium



Polished Gold is bright and radiant for a brilliant finish.

**Chrome**  
Premium



Chrome is a highly reflective silver polish.

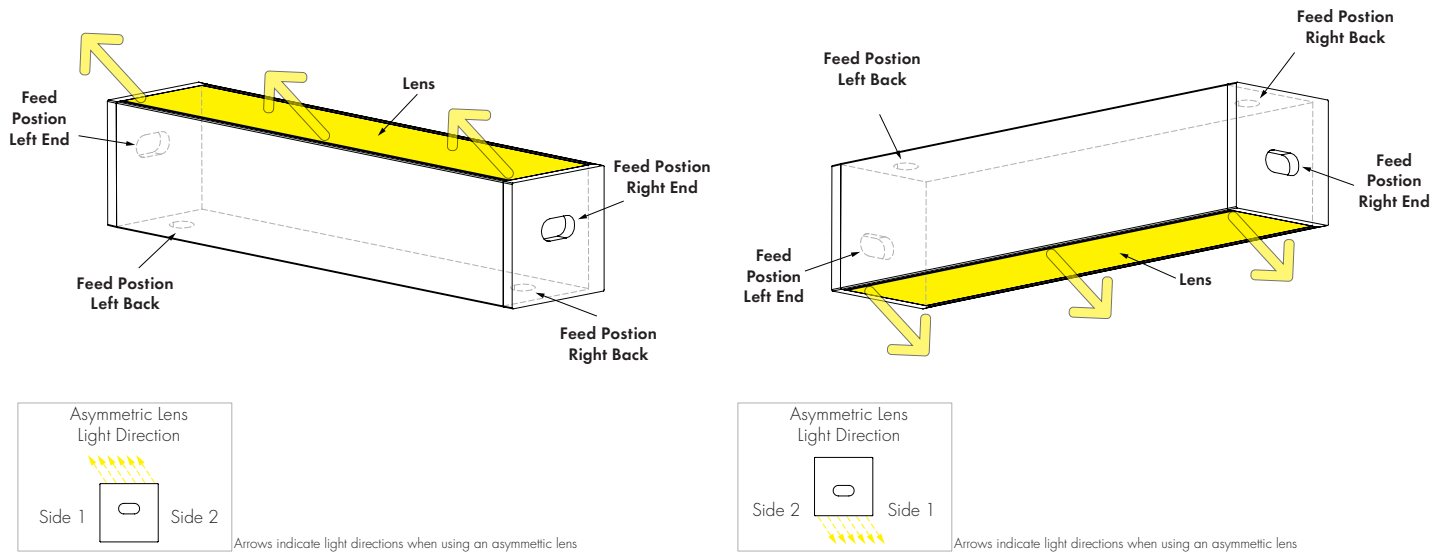
**Black with Narrow Beam**



NOTE: the Narrow, Medium, Batwing, and Asymmetric lens offerings will always come with a white finish on the front reflector. Either a white finish or louver/glare shield is recommended with these lens options.

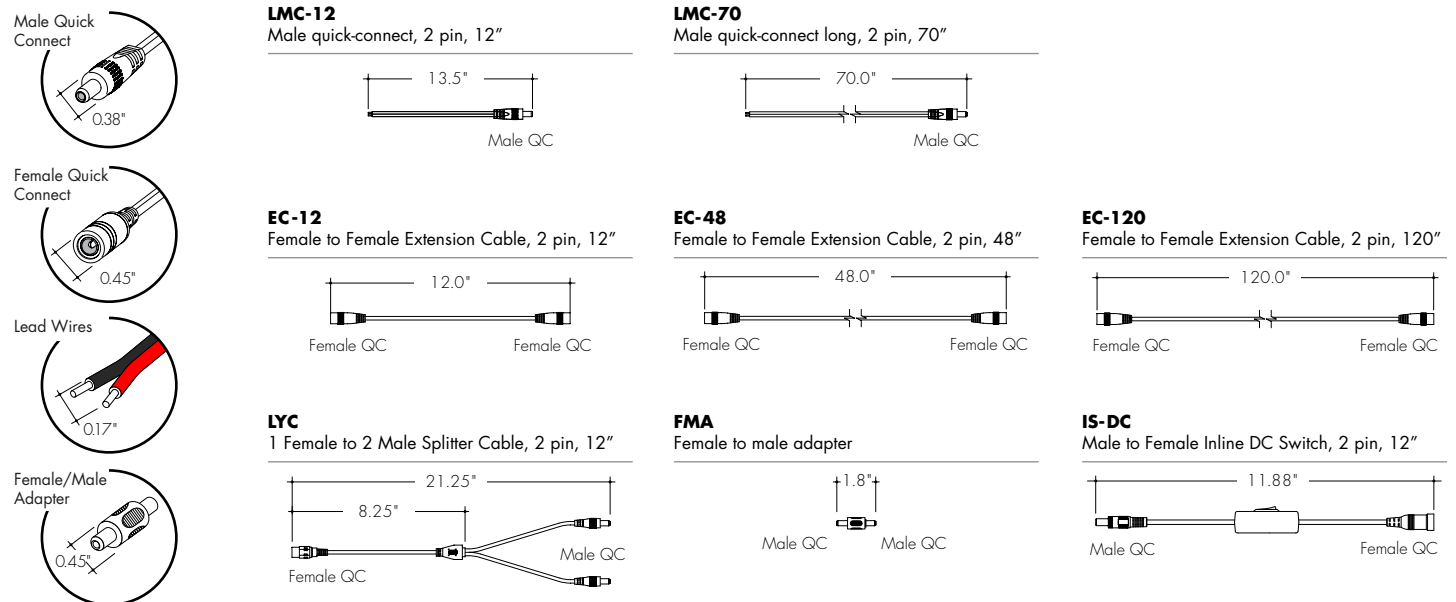
## Powerfeeds and Connectors

### Power Feed Position Options and Orientation

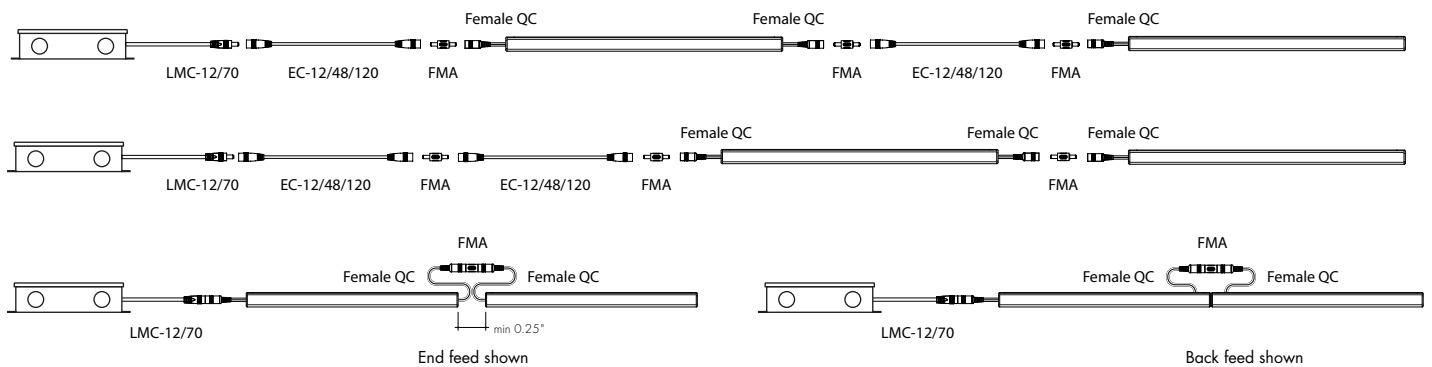


## Powerfeeds and Connectors

### Linking and Extension Cable Options

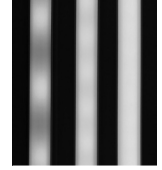


### Sample Layout



Light Transmission and Dotting

Output Options	Lens/Accessory				
	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

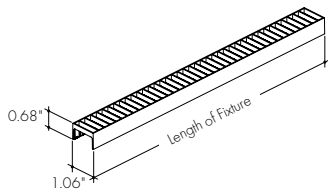


CD - Clear Dotting  
SD - Slight Dotting  
ND - No Dotting

Accessory Options

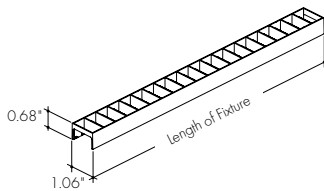
**LV-BL-BARC-24-XX**

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



**LV-GS-BARC-24-XX**

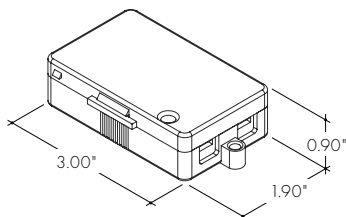
Glare Shield reduces glare at high angle, field cuttable. Also available with complete fixture, use ordering code **-GSXX**



XX	Color
BK	All Black
WB	White Exterior, Black Interior

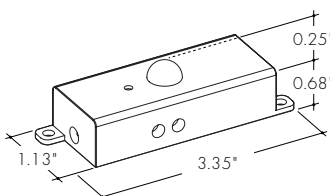
**LVSP-4T-BK**

Low Voltage, 4 Terminal Splice Box, Black



**OS-DC-F4-BK**

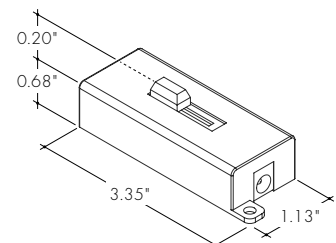
Occupancy Sensor



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

**DIM-DC-F4-BK**

24VDC Low Voltage In-line Dimmer Module

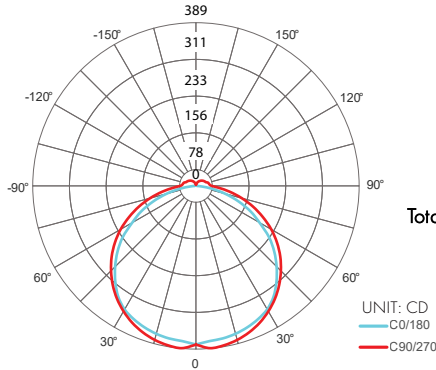


Male Quick Connect, FMA, ILC, LYC, or IS-DC are required for input and output.

Photometry

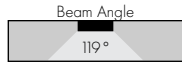
**BAR-48-72VHO-30K-F**

Bara, 4ft, 3000K, VHO, Frosted Lens



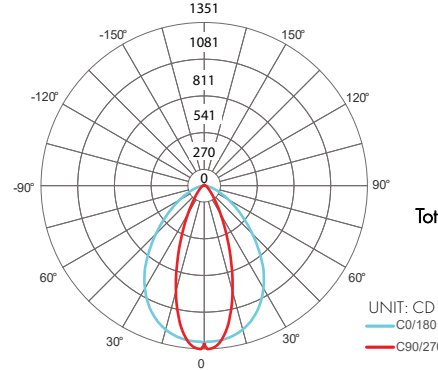
**Zonal lumen Summary 3000K**

Zone	Lumen	% Fixture	
0-30	301	24.0%	
0-40	501	39.9%	
0-60	906	72.3%	
0-90	1185	94.6%	
<b>Total</b>	<b>0-180</b>	<b>1254</b>	<b>100%</b>



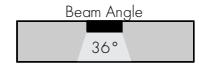
**BAR-48-72VHO-30K-N**

Bara, 4ft, 3000K, VHO, Narrow Beam



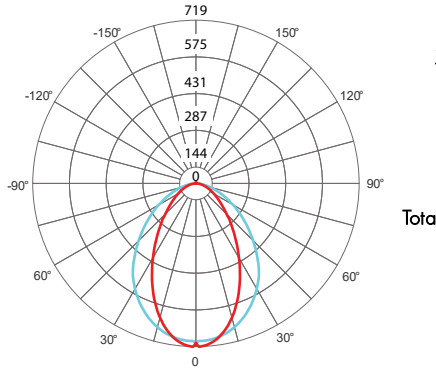
**Zonal lumen Summary 3000K**

Zone	Lumen	% Fixture	
0-30	686	51.0%	
0-40	935	69.6%	
0-60	1225	91.1%	
0-90	1331	99.0%	
<b>Total</b>	<b>0-180</b>	<b>1344</b>	<b>100%</b>



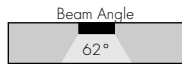
**BAR-48-72VHO-30K-M**

Bara, 4ft, 3000K, VHO, Medium Lens



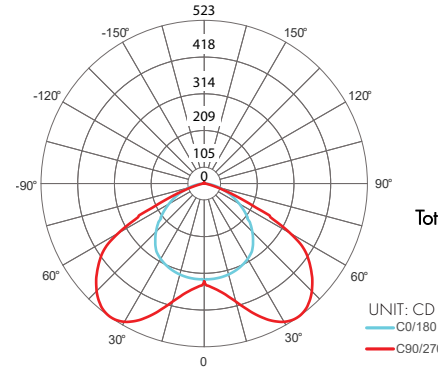
**Zonal lumen Summary 3000K**

Zone	Lumen	% Fixture	
0-30	451	37.1%	
0-40	682	56.1%	
0-60	1033	85.1%	
0-90	1202	99.0%	
<b>Total</b>	<b>0-180</b>	<b>1214</b>	<b>100%</b>



**BAR-48-72VHO-30K-BW**

Bara, 4ft, 3000K, VHO, Batwing Lens



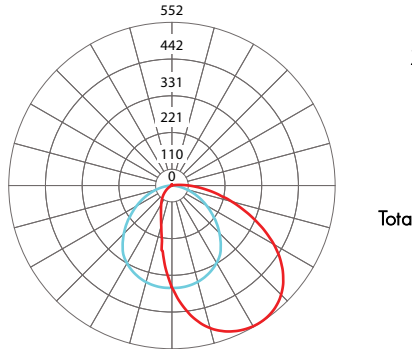
**Zonal lumen Summary 3000K**

Zone	Lumen	% Fixture	
0-30	285	20.7%	
0-40	518	37.6%	
0-60	1063	77.1%	
0-90	1364	99.0%	
<b>Total</b>	<b>0-180</b>	<b>1378</b>	<b>100%</b>



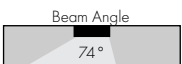
**BAR-48-72VHO-30K-AS**

Bara, 4ft, 3000K, VHO, Asymmetric Lens



**Zonal lumen Summary 3000K**

Zone	Lumen	% Fixture	
0-30	247	23.3%	
0-40	413	39.1%	
0-60	769	72.8%	
0-90	1039	98.3%	
<b>Total</b>	<b>0-180</b>	<b>1057</b>	<b>100%</b>



**Photometry Charts**

	OUTPUT OPTIONS	LIGHT LOSS FACTOR
High Color Quality	<b>7250</b>	51%
	<b>72HO</b>	82%
	<b>72VHO (Tested data shown)</b>	100%
High Efficacy	<b>HE64VHO</b>	197%
	<b>HE64XHO</b>	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 Length (in)	End Feed Actual Length*	Watts			Nominal Length (in)	End Feed Actual Length*	Watts			Nominal Length (in)	End Feed Actual Length*	Watts			Nominal Length (in)	End Feed Actual Length*	Watts		
		SO	HO	VHO			SO	HO	VHO			SO	HO	VHO			SO	HO	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 Length (in)	End Feed Actual Length*	Watts		Nominal Length (in)	End Feed Actual Length*	Watts		Nominal Length (in)	End Feed Actual Length*	Watts		Nominal Length (in)	End Feed Actual Length*	Watts	
		VHO	XHO			VHO	XHO			VHO	XHO			VHO	XHO
<b>12</b>	11 4/16	7.6	9.7	<b>47</b>	46 1/16	28.2	35.9	<b>82</b>	-	-	-	<b>117</b>	-	-	-
<b>13</b>	12 12/16	7.6	9.7	<b>48</b>	47 9/16	29.5	37.6	<b>83</b>	82 7/16	51.7	63.4	<b>118</b>	117 4/16	72.8	80.7
<b>14</b>	-	-	-	<b>49</b>	-	-	-	<b>84</b>	83 15/16	52.3	63.8	<b>119</b>	118 12/16	73.3	81.0
<b>15</b>	14 4/16	8.9	11.3	<b>50</b>	49 2/16	30.1	38.4	<b>85</b>	-	-	-	<b>120</b>	-	-	-
<b>16</b>	15 13/16	9.5	12.1	<b>51</b>	50 10/16	31.4	40.2	<b>86</b>	85 7/16	53.6	64.7	<b>121</b>	120 4/16	74.4	81.7
<b>17</b>	-	-	-	<b>52</b>	-	-	-	<b>87</b>	86 15/16	54.2	65.3	<b>122</b>	121 12/16	74.8	82.0
<b>18</b>	17 5/16	10.7	13.6	<b>53</b>	52 2/16	32.0	41.1	<b>88</b>	-	-	-	<b>123</b>	-	-	-
<b>19</b>	18 13/16	11.4	14.4	<b>54</b>	53 10/16	33.3	42.9	<b>89</b>	88 7/16	55.5	66.3	<b>124</b>	123 5/16	75.6	82.5
<b>20</b>	-	-	-	<b>55</b>	-	-	-	<b>90</b>	90	56.2	66.8	<b>125</b>	124 13/16	76.0	82.8
<b>21</b>	20 5/16	12.6	16.0	<b>56</b>	55 2/16	34.0	43.8	<b>91</b>	-	-	-	<b>126</b>	-	-	-
<b>22</b>	21 13/16	13.2	16.8	<b>57</b>	56 11/16	35.2	45.5	<b>92</b>	91 8/16	57.5	67.9	<b>127</b>	126 5/16	76.8	83.4
<b>23</b>	-	-	-	<b>58</b>	-	-	-	<b>93</b>	-	-	-	<b>128</b>	127 13/16	77.2	83.6
<b>24</b>	23 6/16	14.5	18.3	<b>59</b>	58 3/16	36.5	47.3	<b>94</b>	93	58.2	68.4	<b>129</b>	-	-	-
<b>25</b>	24 14/16	15.1	19.1	<b>60</b>	59 11/16	37.2	48.2	<b>95</b>	94 8/16	59.5	69.5	<b>130</b>	129 6/16	78.0	84.2
<b>26</b>	-	-	-	<b>61</b>	-	-	-	<b>96</b>	-	-	-	<b>131</b>	130 14/16	78.4	84.5
<b>27</b>	26 6/16	16.4	20.7	<b>62</b>	61 3/16	38.4	50.0	<b>97</b>	96 1/16	60.1	70.0	<b>132</b>	-	-	-
<b>28</b>	27 14/16	17.0	21.4	<b>63</b>	62 12/16	39.1	50.8	<b>98</b>	97 9/16	61.4	71.1	<b>133</b>	132 6/16	79.2	85.0
<b>29</b>	-	-	-	<b>64</b>	-	-	-	<b>99</b>	-	-	-	<b>134</b>	133 14/16	79.6	85.4
<b>30</b>	29 7/16	18.2	23.0	<b>65</b>	64 4/16	40.4	52.5	<b>100</b>	99 1/16	62.0	71.7	<b>135</b>	-	-	-
<b>31</b>	30 15/16	18.9	23.8	<b>66</b>	65 12/16	41.0	53.4	<b>101</b>	100 9/16	63.2	72.9	<b>136</b>	135 7/16	80.3	86.2
<b>32</b>	-	-	-	<b>67</b>	-	-	-	<b>102</b>	-	-	-	<b>137</b>	136 15/16	80.6	86.6
<b>33</b>	32 7/16	20.1	25.3	<b>68</b>	67 4/16	42.3	55.1	<b>103</b>	102 1/16	63.8	73.5	<b>138</b>	-	-	-
<b>34</b>	33 15/16	20.7	26.1	<b>69</b>	68 12/16	42.9	55.9	<b>104</b>	103 10/16	65.0	74.7	<b>139</b>	138 7/16	81.3	87.5
<b>35</b>	-	-	-	<b>70</b>	-	-	-	<b>105</b>	-	-	-	<b>140</b>	139 15/16	81.7	87.9
<b>36</b>	35 7/16	22.0	27.6	<b>71</b>	70 5/16	44.2	57.6	<b>106</b>	105 2/16	65.6	75.3	<b>141</b>	-	-	-
<b>37</b>	37	22.6	28.4	<b>72</b>	71 13/16	44.9	58.5	<b>107</b>	106 10/16	66.8	76.5	<b>142</b>	141 7/16	82.4	88.7
<b>38</b>	-	-	-	<b>73</b>	-	-	-	<b>108</b>	-	-	-	<b>143</b>	143	82.7	89.1
<b>39</b>	38 8/16	23.9	30.1	<b>74</b>	73 5/16	46.1	59.7	<b>109</b>	108 2/16	67.4	77.1	<b>144</b>	-	-	-
<b>40</b>	-	-	-	<b>75</b>	74 13/16	46.7	60.1	<b>110</b>	109 11/16	68.5	78.0				
<b>41</b>	40	24.5	30.9	<b>76</b>	-	-	-	<b>111</b>	-	-	-				
<b>42</b>	41 8/16	25.7	32.6	<b>77</b>	76 6/16	48.0	60.9	<b>112</b>	111 3/16	69.6	78.7				
<b>43</b>	-	-	-	<b>78</b>	77 14/16	48.6	61.3	<b>113</b>	112 11/16	70.1	79.0				
<b>44</b>	43 1/16	26.4	33.4	<b>79</b>	-	-	-	<b>114</b>	-	-	-				
<b>45</b>	44 9/16	27.6	35.1	<b>80</b>	79 6/16	49.8	62.2	<b>115</b>	114 3/16	71.2	79.7				
<b>46</b>	-	-	-	<b>81</b>	80 14/16	50.4	62.6	<b>116</b>	115 12/16	71.7	80.0				

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



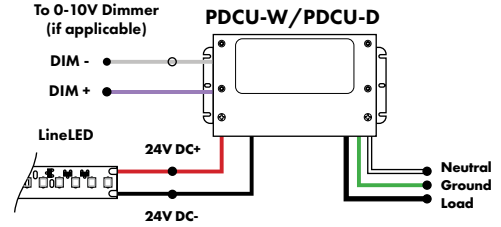
### Power Supplies

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

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

MODEL	POWER	OUTPUT
PDCU-D - IP20 Dry Series	30 - 30 W 60 - 60 W 96 - 96 W 3X96 - 3X96 W	24 - 24 VDC
PDCU-W - IP66 Wet Series	96 - 96 W 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.

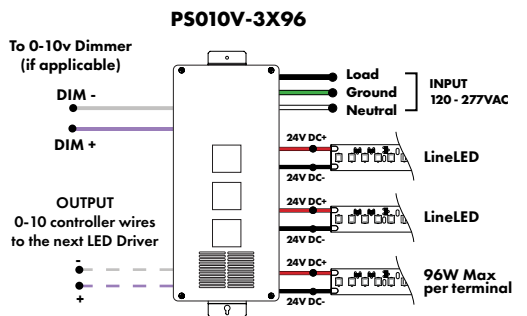
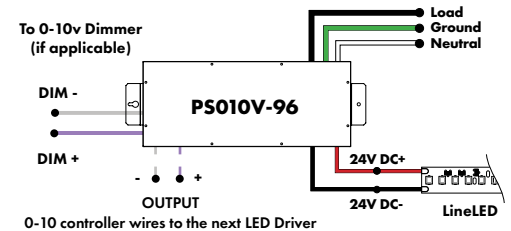


MODELS	PDCU-W 96W	PDCU-W 3X96W	PDCU-D 30W	PDCU-D 60W	PDCU-D 96W	PDCU-D 3X96W
<b>Length</b>	8.66"	11.85"	6.10"	7.93"	8.25"	9.57"
<b>Width</b>	3.73"	4.32"	3.35"	3.35"	4.10"	5.94"
<b>Depth</b>	1.61"	1.81"	1.33"	1.32"	1.56"	1.13"

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

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

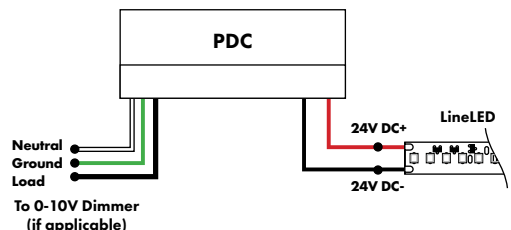
MODELS	96W	3X96
<b>Length</b>	14.40"	15.75"
<b>Width</b>	5.20"	6.62"
<b>Depth</b>	2.60"	4.95"



#### Triac, MLV, & ELV 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**

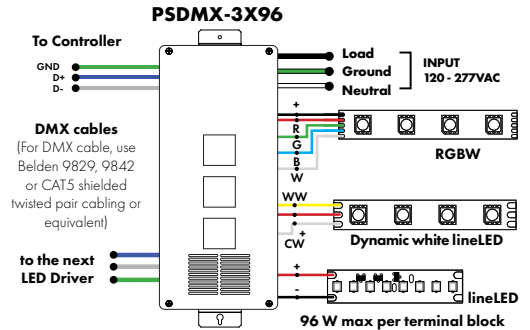
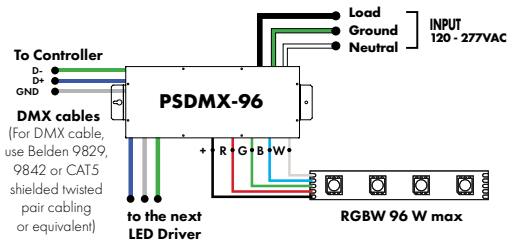
See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

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

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

Features eldoLED's LINEARdrive configurable dimmable drivers

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

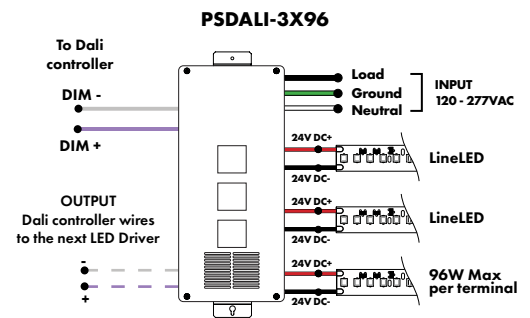
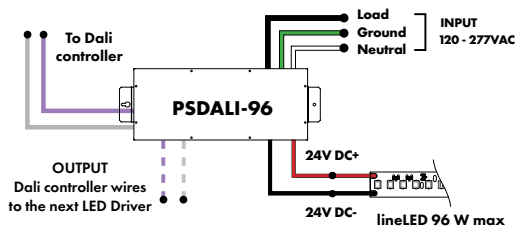


**DALI 0% Dimming Power Supplies 120VAC - 277VAC**

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

Features eldoLED's LINEARdrive configurable dimmable drivers

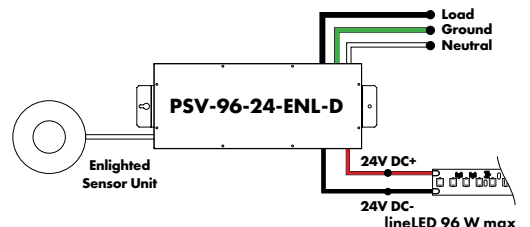
Model	96W	3X96
<b>Length</b>	14.40"	15.75"
<b>Width</b>	5.20"	6.62"
<b>Depth</b>	2.60"	4.95"



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

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

<b>Model</b>	<b>96W</b>
<b>Length</b>	14.40"
<b>Width</b>	5.20"
<b>Depth</b>	2.60"



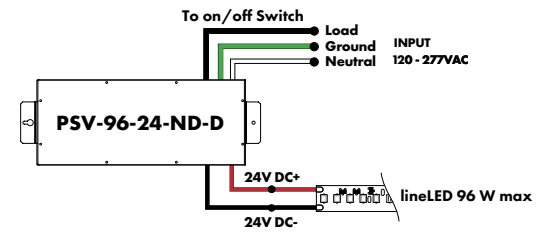
### Power Supplies

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	ND - Non Dimming	D - Damp

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



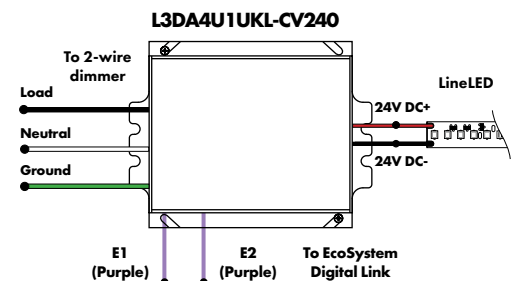
Luminii is a Lutron OEM Advantage Partner

#### Lutron Power Supplies 1%

MODEL
L3DA4U1UKL-CV240

HiLume™ 1% EcoSystem Voltage LED driver  
40W max

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



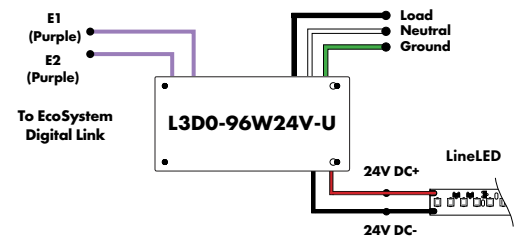
Luminii is a Lutron OEM Advantage Partner

#### 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"



#### In-Ground Power Supplies

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

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

