

#### **Technical Information**

MODEL	High Color Quality		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	
Max Ambient Temperature*	50°C [122°F]		50°C	[122°F]		45°C [113°F]	

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

#### High Color Quality (60X2)

CCT	Multiplier	TM-30						
ССТ	(reference - 3000K)	CRI	Rf	Rg	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)											
	Multiplier	TM-30										
ССТ	(reference - 3000K)	CRI	Rf	Rg	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**

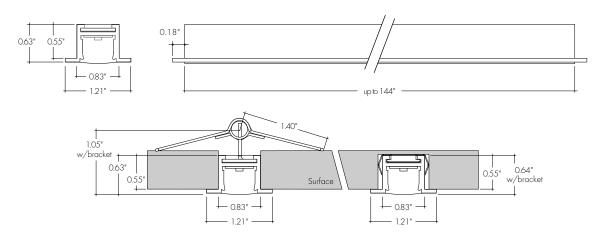
MODEL	LENGTH <sup>1</sup>	OUTPUT	CCT	LENS <sup>2</sup>	MOUNTING	FINISH <sup>3</sup>	POSITION TYPE	POWER FEED
KRXLW-Kendo XL Wet Recessed	12" - 144" 2" increments	60X2HO-High	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	C-Clear Lens F-Frosted	HS-Hard Surface mounting bracket GS-Gypsum surface mounting bracket NB-No bracket	SA - Silver BK - Black BZ - Bronze WH - White MBK - Matte Black	<b>B</b> -Back	<ol> <li>72" wire leads</li> <li>72" wire leads at both ends</li> <li>72" wire leads at one end and Quick Connect at other</li> <li>3-Single Quick Connect</li> </ol>
		HE48LO-Low HE48SO-Standard HE48MO-Medium HE48HO-High HE64VHO-Very High	27K-2700K 30K-3000K 35K-3500K 40K-4000K			WN - Warm Nickel AB - Aged Brass PG - Pollished Gold <sup>4</sup> CH - Chrome <sup>4</sup>		4 - Quick Connect at both ends P1 - Plenum rated 72" wires on one end P1X2 - Plenum rated 72" wires on both ends

Custom lengths and increments are available, places consult inside Soles 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 tens 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 - Polished Gold finishes have a maximum fixture length of 48°, and Chrome finishes have a maximum fixture length of 72°.

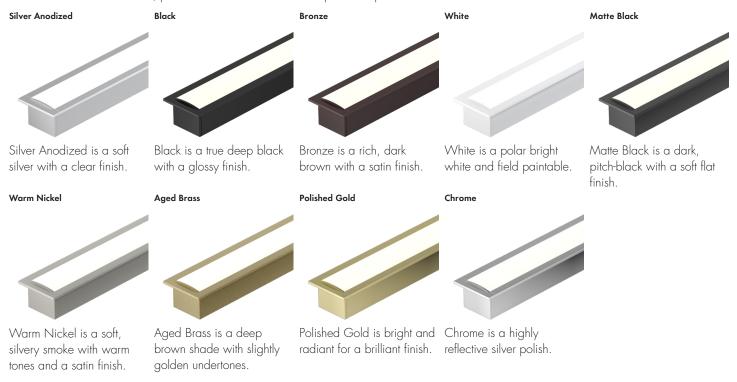


## **Product Dimensions**



# **Finish Options**

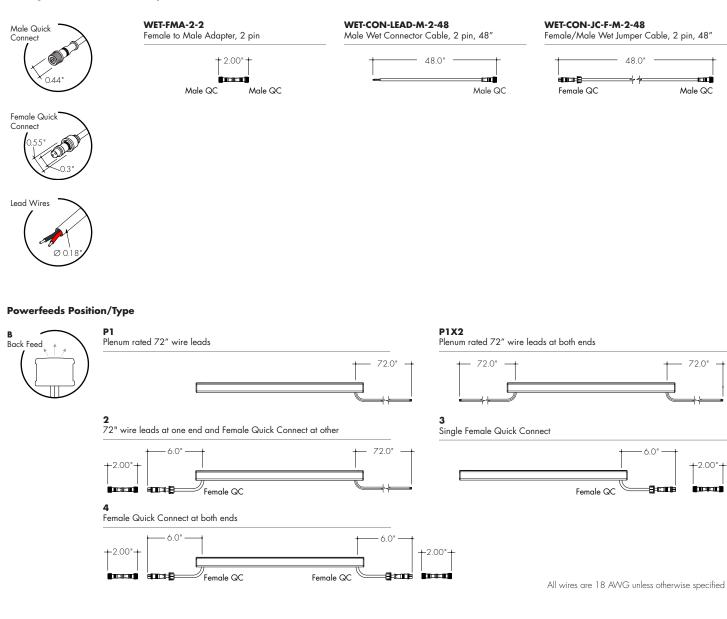
- Finish options are available in a wide variety, allowing for complete customization of style and aesthetic.
- Non Silver Anodized finishes may have extended lead times.
- Polished Gold finishes have a maximum fixture length of 48", and Chrome finishes have a maximum fixture length of 72".
- Custom RALs are available, please consult Inside Sales with specific request.



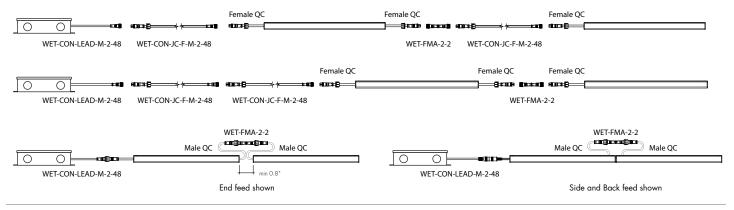


#### **Powerfeeds and Connectors**

#### Linking and Extension Cable Options



#### Sample Layout



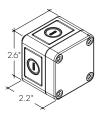


# Light Transmission and Dotting

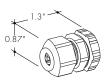
	L		
Output Options	Clear Lens	Frosted Lens	
60X2HO	CD	ND	
HE48LO	CD	ND	
HE48SO	CD	ND	
HE48MO	CD	ND	
HE48HO	CD	ND	CD SD
HE64VHO	CD	ND	CD - Clear Dott
Transmission Percentage	100%	58%	SD - Slight Dott ND - No Dotting

# **Accessory Options**

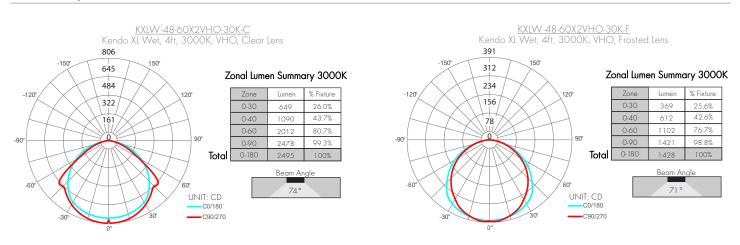
**LVSP-WET** Splice box: wet rated, low voltage, gray



**LVSP-WET-CM** Connector for splice box, low voltage for cable management, gray.



#### **Photometry**





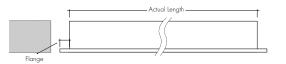
#### **Power Consumption**

Tested at Full Power with PDC Series power supplies.

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

High Color Quality (60X2)

Nominal Length	Back Feed Actual	Watts									
(in)	Length	HO	(in)	Length	НО	(in)	Length	HO	(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	51.7	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	19.7	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	-	-			



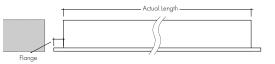
### Power Consumption

Tested at Full Power with PDC Series power supplies.

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

#### High Efficacy (HE48)

Nominal			W	atts		Nominal			W	atts		Nominal			W	atts		Nominal			W	atts	
Length (in)	Actual Length	LO	so	мо	но	Length (in)	Actual Length	LO	so	мо	но	Length (in)	Actual Length	LO	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 9/16	12.5	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 9/16	12.8	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 8/16	13.1	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 8/16	13.4	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 7/16	13.7	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 7/16	14.0	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 6/16	14.3	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 6/16	14.4	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 5/16	14.7	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 5/16	15.0	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		-	-	Ι	-	136	-	-	-	-	-
32	-		-	-	-	67	-	-	-	-	-	102	101 4/16	15.3	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	15.6	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	15.8	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	16.1	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	16.4	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	16.7	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	17.0	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	17.3	27.3	33.7	57.9						





#### Power Consumption

Tested at Full Power with PDC Series power supplies.

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

	High Efficacy (HE64)													
Nominal	Back Feed Actual	Watts	Nominal	Back Feed Actual	Watts	Nominal	Back Feed Actual	Watts	Nominal	Back Feed Actual	Watts			
Length (in)	Length	VHO	Length (in)	Length	VHO	Length (in)	Length	VHO	Length (in)	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	51.7	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			
17	16	9.5	52	-	-	87	-	-	122	-	-			
18	17 9/16	10.7	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	81.7			
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						

High Efficacy (HE64)

Actual length



# Voltage Drop Calculator

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

Wattage	Maximum Wire Length From Power Supply to Start of Run [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				

# Linear Illumination System



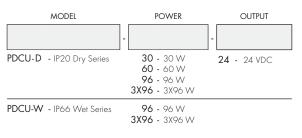
## **Power Supplies**

the Resources page.

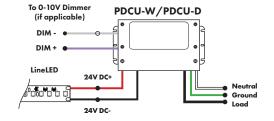
See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

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

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



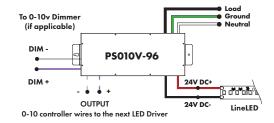
For a complete list of compatible dimmers, see <u>Compatible Dimming Chart</u> on

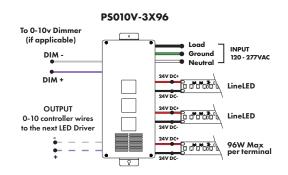


MODELS	PDCU-W 96W	PDCU-W 3X96W	PDCU-D 30W	PDCU-D 60W	PDCU-D 96W	PDCU-D 3X96W
Length	8.66"	11.85"	6.10"	7.93"	8.25"	9.57"
Width	3.73"	4.32"	3.35"	3.35"	4.10"	5.94"
Depth	1.61"	1.81"	1.33	1.32"	1.56"	1.13"

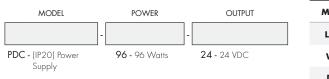
# 0-10V Dimming Power Supplies 0.1% 120VAC - 277VAC

м	ODEL	POW	ER	OUTPUT	DIMMING						
		-	-		-						
PSO10V - 0-10 dims	V Power Supply down to 0.1%	<b>96 -</b> 96 <b>3X96 -</b> 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"									

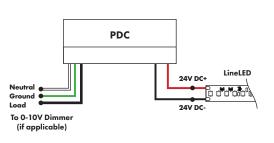




#### Triac, MLV, & ELV Compatible Dimmers







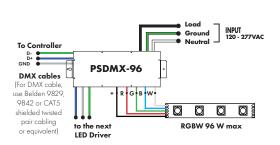


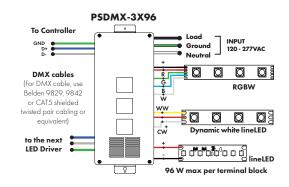
### **Power Supplies**

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.

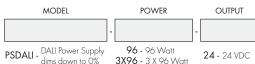
DMX Dimming Power Su	MODELS	96W	3X96			
MODEL	POWER	OUTPUT		Length	14.40"	15.75"
-		-		Width	5.20"	6.62"
PSDMX - DMX Power Supply dims down to 0%	96 - 96 Watt 3X96 - 3 X 96 Watt	<b>24</b> - 24 VDC	1	Depth	2.60"	4.95"
dims down to 0%	<b>3X96 -</b> 3 X 96 Watt					

Features eldoLED's LINEARdrive configurable dimmable drivers



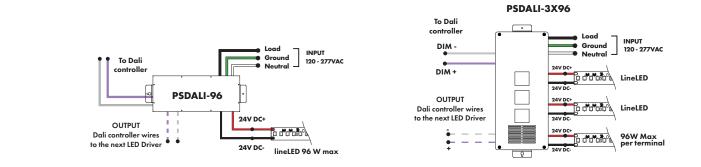


#### DALI 0% Dimming Power Supplies 120VAC - 277VAC

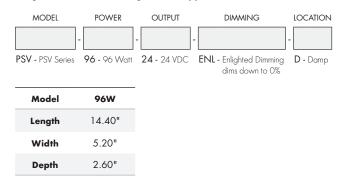


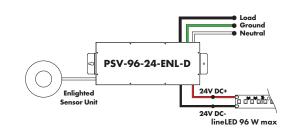
Features eldoLED's LINEARdrive configurable dimmable drivers

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





#### REV0.2 12052023



## **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.

