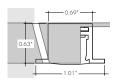
# Linear Illumination System



#### **Features**

- 24VDC Class 2 fixtures made to order up to 144". Fixtures can be linked up to 48' depending on output
- Suitable for millwork, architectural reveals, accent lighting and recessed applications
- Approved for closet/storage space installation per NEC 410.16(A) (3) and 410.16(C)(5)
- 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 810 lm/ft and up to 115 lm/W
- 5 Year warranty



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

Silver Anodized
Black

Bronze

White
Matte Black
Warm Nickel

Aged Brass
Polished Gold
Chrome







# Technical Information

MODEL	н	igh Color Qual	ity		High Efficacy			
OUTPUT OPTIONS	7250	72HO	72VHO	HE48LO	HE48SO	HE48MO	НЕ48НО	HE64VHO
Lumens Output (3000K) (with a Clear Lens)	222 lm/ft	361 lm/ft	439 lm/ft	217 lm/ft	300 lm/ft	401 lm/ft	643 lm/ft	813 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	79 lm/W	75 lm/W	73 lm/W	114 lm/W	107 lm/W	115 lm/W	99 lm/W	108 lm/W
Max Run Length (in series)	40 ft	31 ft	22 ft	48 ft	42 ft	33 ft	21 ft	15 ft
Max Ambient Temperature*		50°C [122°F]			50°C	[122°F]		50°C [122°F]

<sup>\*</sup>Max Ambient Temperature to maintain 170 of 50k+ hours. Exceeding Max Ambient Temperature may result in decreased life/output. Consult Technical Support for specific inquiries

High Color Quality (72)									
сст	Multiplier		TM-30						
	(reference - 3000K)	CRI	Rf	$R_g$	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				
3000К	1.00	97	95	104	97				
3500K	1.02	97	94	105	97				
4100K	1.07	97	90	99	97				

#### High Efficacy (HE48/HE64)

ССТ	Multiplier	TM-30						
	(reference - 3000K)	CRI	Rf	$R_g$	R9			
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	LENGTH1	OUTPUT	CCT	LENS <sup>2</sup>	MOUNTING	FINISH <sup>3</sup>	POSITION	POWER FEED
-			-	-	-	-	]-	-
KRM-Kendo M Recessed	12" - 144" 1" increments	72SO - Standard 72HO - High 72VHO - Very High	27K - 2700K 30K - 3000K 35K - 3500K 41K - 4100K	C - Clear Lens HF - Half Frosted FF - Flat Frosted F - Frosted GR - Narrow Beam Grazer	HS - Hard Surface Mounting Bracket GS - Gypsum Surface Mounting Bracket NB - No Bracket	SA - Silver Anodized BK - Black BZ - Bronze WH - White MBK - Matte Black WN - Warm Nlickel AB - Aged Brass PG - Polished Gold <sup>4</sup>	<b>B</b> - Back	P1 - 72" plenum wires on one end P1X2 72" plenum wires on both ends 2 - 72" rip cord on one end, quick connect at other 3 - Single Quick Connect 4 - Dual Quick Connect
	12" - 144" 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			CH - Chrome <sup>4</sup>		

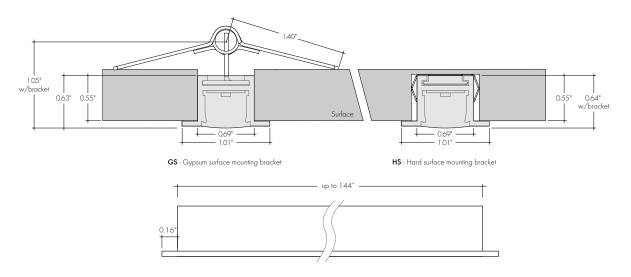
<sup>1 -</sup> Custom lengths and increments are available, please consult Inside Sales with specific request.

2 - All High Efficacy options can be used to comply with Title 24 JAB. High Color Quality options can be used to comply with Title 24 JAB depending on Output, CCT, and lens selections. See multiplier charts to calculate specific efficacies.

<sup>3 -</sup> Non SA finishes may have extended lead times. Custom RALs are available, please consult Inside Sales with specific request



#### **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**

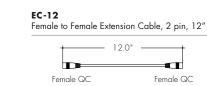


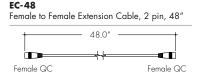
Female Quick

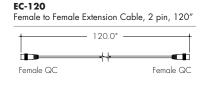
LMC-12 Male quick-connect, 2 pin, 12"

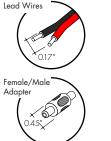
Male QC

LMC-70 Male quick-connect long, 2 pin, 70" Male QC

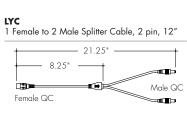


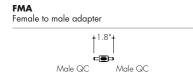


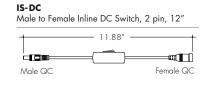




0.45

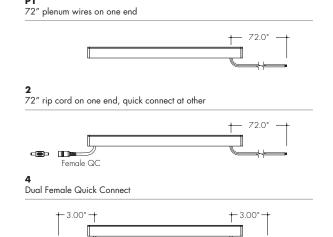






#### **Powerfeeds Position/Type**





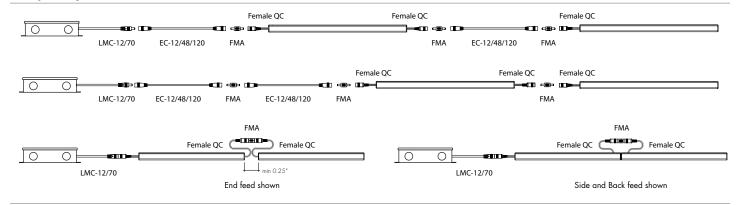
Female QC





All wires are 18 AWG unless otherwise specified

#### Sample Layout



Female QC



# **Light Transmission and Dotting**

#### Lens/Accessory

Output Options	Clear	Half Frosted	Narrow Beam Grazer	Flat Frosted	Frosted
72SO	CD	CD	CD	ND	ND
72HO	CD	CD	CD	ND	ND
72VHO	CD	CD	CD	ND	ND
HE48LO	CD	CD	CD	ND	ND
HE48SO	CD	CD	CD	ND	ND
HE48MO	CD	CD	CD	ND	ND
HE48HO	CD	CD	CD	ND	ND
HE64VHO	CD	CD	CD	ND	ND
Transmission Percentage	100%	83%	69%	63%	55%

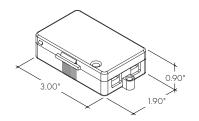


CD - Clear Dotting
SD - Slight Dotting

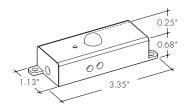
ND - No Dotting

# **Accessory Options**

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

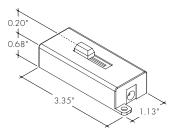


#### OS-DC-F4-BK Occupancy Sensor



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

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

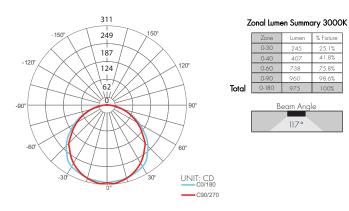


Male Quick Connect, FMA, LMC, LYC, or IS-DC are required for input and output.

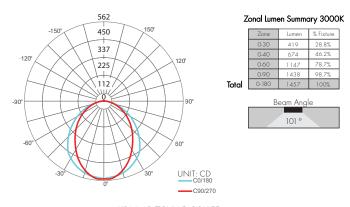


#### **Photometry**

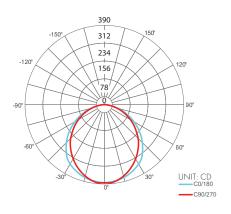
KRM-48-72VHO-30K-F
Kendo RM, 4ft, 3000K, VHO, Frosted Lens



KRM-48-72VHO-30K-HF
Kendo RM, 4ft, 3000K, VHO, Half Frosted Lens



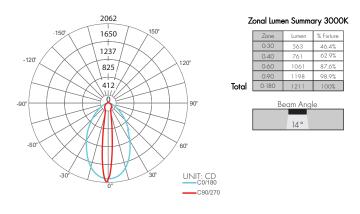
<u>KRM-48-72VHO-30K-FF</u> Kendo RM, 4ft, 3000K, VHO, Flat Frosted Lens



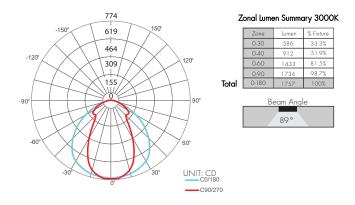
	Zone	Lumen	% Fixture
	0-30	298	26.8%
	0-40	489	43.9%
- 0	0-60	867	77.8%
- 0	0-90	1102	98.9%
(	-180	1114	100%
	В	eam Ang	le

#### KRM-48-72VHO-30K-GR

Kendo RM, 4ft, 3000K, VHO, Narrow Beam Grazer Lens



<u>KRM-48-72VHO-30K-C</u> Kendo RM, 4ft, 3000K, VHO, Clear Lens



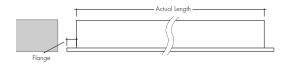


# **Power Consumption**

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 (72)

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





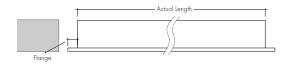
# **Power Consumption**

Tested at Full Power with PDC Series power supplies.

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

#### High Efficacy (HE48)

Nominal	Back Feed		w	'atts		Nominal	Back Feed		W	atts		Nominal	Back Feed		W	atts		Nominal	Back Feed		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	-	_	-	-	_	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		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						





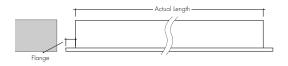
# **Power Consumption**

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 <i>.</i> 7	118	117 8/16	72.8
14	-	-	49	_	_	84	-	_	119	119	73.3
15	14 8/16	8.9	50	49 5/16	30.1	85	84 3/16	52.3	120	-	-
16	-	-	51	50 14/16	31.4	86	85 11/16	53.6	121	120 8/16	74.4
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 <i>7/</i> 16	69.6			
43	-	_	78	_	_	113	112 15/16	<i>7</i> 0.1	_		
44	43 4/16	26.4	79	78 2/16	48.6	114	-	_	_		
45	44 13/16	27.6	80	<i>7</i> 9 10/16	49.8	115	114 7/16	71.2	_		
46	-	_	81	_	_	116	115 15/16	71.7			



# Linear Illumination System



# **Voltage Drop Calculator**

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

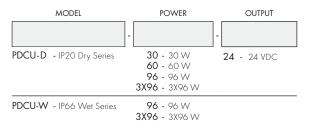
Wattage	Maximum Wire Length From Power Supply to Start of Run [ft]											
[W]	12 AWG	14 AWG	16 AWG	18 AWG	20 AWG	22 AWG	24 AWG					
5	1088.2	684.4	430.3	270.6	170.2	107.1	67.3					
10	544.1	342.2	215.1	135.3	85.1	53.5	33.7					
15	362.7	228.1	143.4	90.2	56.7	35.7	22.4					
20	272.0	171.1	107.6	67.7	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					



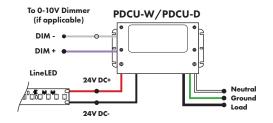
# **Power Supplies**

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



0-10V dims down to 1%, MLV/ELV/TRIAC dims down to 1%. For a complete list of compatible dimmers, see  $\underline{\text{Compatible Dimming Chart}}$  on the Resources page.

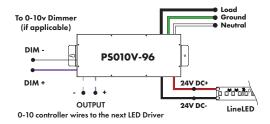


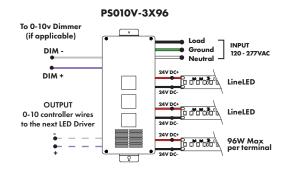
MODELS	PDCU-W 96W	PDCU-W 3X96W	PDCU-D 30W	PDCU-D 60W	PDCU-D 96W	PDCU-D 3X96W
Length	8.66"	11.85"	6.10"	7.93"	8.25"	9.57"
Width	3.73"	4.32"	3.35"	3.35"	4.10"	5.94"
Depth	1.61"	1.81"	1.33	1.32"	1.56"	1.13"

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

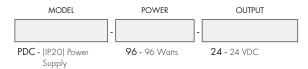


MODELS	96W	3X96
Length	14.40"	15.75"
Width	5.20"	6.62"
Depth	2.60"	4.95"

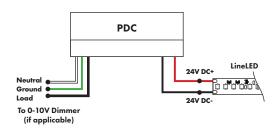




#### Triac, MLV, & ELV Compatible Dimmers



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

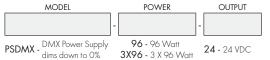




### **Power Supplies**

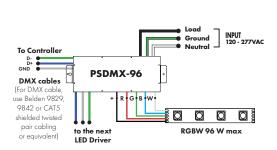
See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

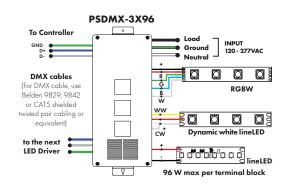
#### DMX Dimming Power Supplies 120VAC - 277VAC



Features eldoLED's LINEARdrive configurable dimmable drivers

MODELS	96W	3X96
Length	14.40"	15.75"
Width	5.20"	6.62"
Depth	2.60"	4.95"



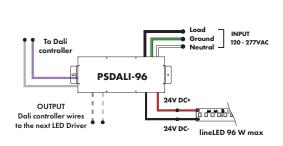


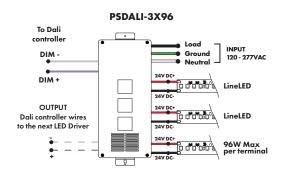
#### DALI 0% Dimming Power Supplies 120VAC - 277VAC



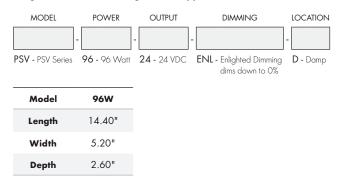
Features eldoLED's LINEARdrive configurable dimmable drivers

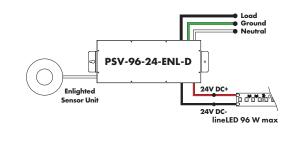
Model	96W	3X96
Length	14.40"	15.75"
Width	5.20"	6.62"
Depth	2.60"	4.95"





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







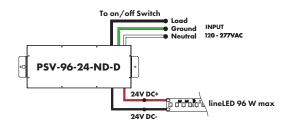
### **Power Supplies**

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.

#### Non-Dimming Power Supply 120VAC - 277VAC



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



# **\$\text{LUTRON}**

Luminii is a Lutron OEM Advantage Partner

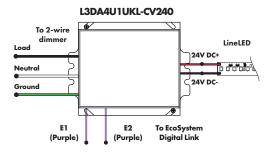
#### **Lutron Power Supplies 1%**

MODEL

#### L3DA4U1UKL-CV240

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

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



# **\$\text{LUTRON}**

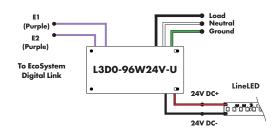
Luminii is a Lutron OEM Advantage Partner

#### **Lutron Power Supplies 0.1%**

MODEL

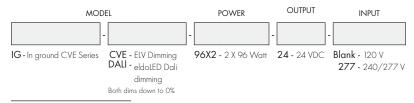
L3D0-96W24V-U	
Hi-lume™ 0.1% EcoSystem Voltage LED Driver with Soft-On, Fade-to-Black™	

MODELS	L3D0
Length	10.50"
Width	5.50"
Depth	2.00"



#### **In-Ground Power Supplies**

96W max



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

