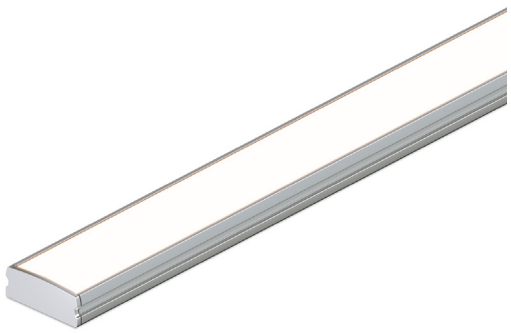
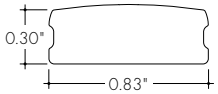


Features

- 24VDC Class 2 fixtures made to order up to 144".Fixtures can be linked up to 48' depending on output
- Suitable for undercabinet, millwork, surface mount, direct view, cove, architectural reveals
- 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
- 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 800 lm/ft and up to 114 lm/W
- Proprietary strong bond solder method handles up to 50 lbs of pull force on wire leads and connectors
- 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

MADE IN U.S.A | CE | RoHS | Single Bin +/- 30 CCT | c UL us LISTED | TITLE 24 JA8 COMPLIANT | DIM

Technical Information

MODEL	High Color Quality		High Efficacy				High Efficacy
OUTPUT OPTIONS	**60X2HO**	**60X2VHO**	**HE48LO**	**HE48SO**	**HE48MO**	**HE48HO**	**HE64VHO**
Lumens Output (3000K) (with a Clear Lens)	543 lm/ft	678 lm/ft	216 lm/ft	298 lm/ft	398 lm/ft	639 lm/ft	809 lm/ft
Average Power Consumption (for a 4' section)	7.3 W/ft	9.4 W/ft	1.9 W/ft	2.8 W/ft	3.5 W/ft	6.5 W/ft	7.5 W/ft
Efficacy	74 lm/W	72 lm/W	114 lm/W	106 lm/W	114 lm/W	98 lm/W	108 lm/W
Max Run Length (in series)	26 ft	21 ft	48 ft	42 ft	33 ft	21 ft	15 ft
Max Ambient Temperature*	41°C [106°F]	30°C [86°F]	50°C [122°F]			40°C [104°F]	35°C [95°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 (reference - 3000K)	TM-30 CRI	TM-30 R_f	TM-30 R_g	TM-30 R_9
1900K	0.55	96	94	97	90
2200K	0.70	96	95	101	89
2400K	0.72	98	97	101	91
2700K	0.74	97	96	101	91
3000K	1.00	97	95	104	97
3500K	1.02	97	94	105	97
4100K	1.07	97	90	99	97

High Efficacy (HE48/HE64)

CCT	Multiplier (reference - 3000K)	TM-30 CRI	TM-30 R_f	TM-30 R_g	TM-30 R_9
2200K	0.73	92	91	97	42
2500K	0.81	93	96	96	62
2700K	0.94	92	90	99	58
3000K	1.00	92	89	99	57
3500K	1.02	92	89	99	60
4000K	1.02	92	86	94	71

Ordering Code

MODEL - LENGTH[1] - OUTPUT - CCT - LENS[2] - MOUNTING - FINISH[3] - POSITION TYPE - POWER FEED

KL - Kendo L

LENGTH[1]: 12" - 144", 2" increments

OUTPUT:
- 60X2HO - High
- 60X2VHO - Very High
- HE48LO - Low
- HE48SO - Standard
- HE48MO - Medium
- HE48HO - High
- HE64VHO - Very High

CCT:
- 22K - 2200K
- 24K - 2400K
- 25K - 2500K
- 27K - 2700K
- 30K - 3000K
- 35K - 3500K
- 40K - 4000K
- 41K - 4100K

LENS[2]:
- C - Clear Lens
- HF - Half-Frosted
- F - Frosted

MOUNTING:
- FC - Fixed Clip
- A - Adjustable Hinge Mounting
- FC45 - Fixed Clip, 45°
- MAG - Magnetic

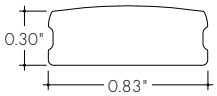
FINISH[3]:
- SA - Silver Anodized
- BK - Black
- BZ - Bronze
- WH - White
- MBK - Matte Black
- WN - Warm Nickel
- AB - Aged Brass
- PG - Polished Gold[4]
- CH - Chrome[4]

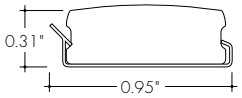
POSITION TYPE:
- E - End
- B - Back

POWER FEED:
- 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

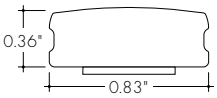
1 - Custom lengths and increments are available, please consult Inside Sales with specific request.
2 - All High Efficacy options can be used to comply with Title 24 JA8. High Color Quality options can be used to comply with Title 24 JA8 depending on Output, CCT, and Lens selections. See multiplier charts 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 - Polished Gold finishes have a maximum fixture length of 48", and Chrome finishes have a maximum fixture length of 72".

Product Dimensions

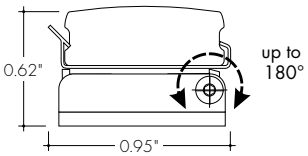




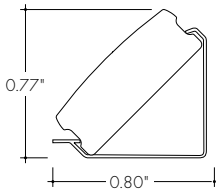
with fixed mounting bracket



with magnetic mounting



with adjustable hinge mounting bracket



with fixed clip 45° mounting bracket

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.

Silver Anodized

Silver Anodized is a soft silver with a clear finish.

Black

Black is a true deep black with a glossy finish.

Bronze

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

White

White is a polar bright white and field paintable.

Matte Black

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

Warm Nickel

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

Aged Brass

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

Polished Gold

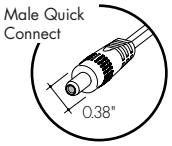
Polished Gold is bright and radiant for a brilliant finish.

Chrome

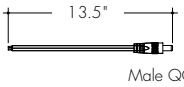
Chrome is a highly reflective silver polish.

Powerfeeds and Connectors

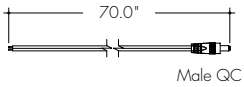
Linking and Extension Cable Options

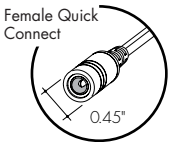


LMC-12
Male quick-connect, 2 pin, 12″

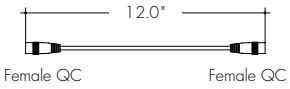


LMC-70
Male quick-connect long, 2 pin, 70″

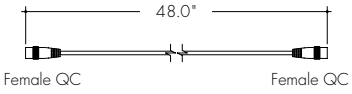




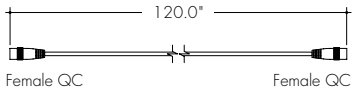
EC-12
Female to Female Extension Cable, 2 pin, 12″

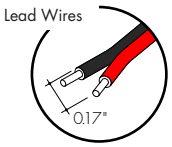


EC-48
Female to Female Extension Cable, 2 pin, 48″

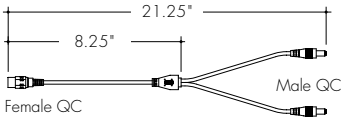


EC-120
Female to Female Extension Cable, 2 pin, 120″

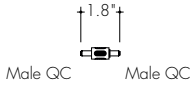




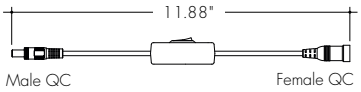
LYC
1 Female to 2 Male Splitter Cable, 2 pin, 12″

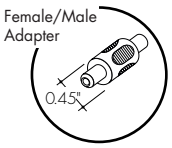


FMA
Female to male adapter

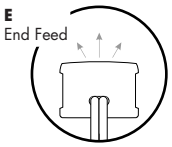


IS-DC
Male to Female Inline DC Switch, 2 pin, 12″

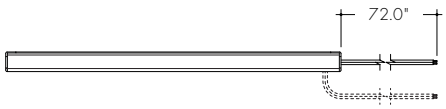




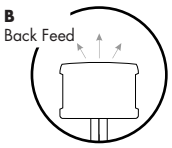
Powerfeeds Position/Type



1
72" wire leads

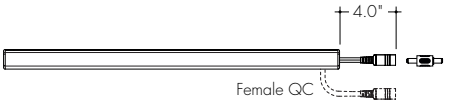


1X2
72" wire leads at both ends



2
72" wire leads at one end and Female Quick Connect at other

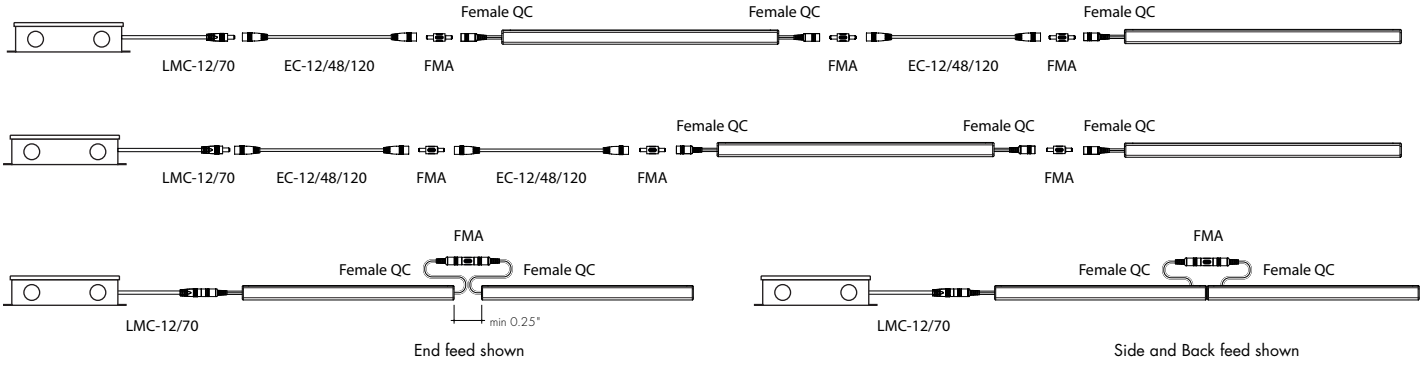
3
Single Female Quick Connect



4
Dual Female Quick Connect

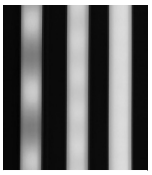
Side and Back feeds shown as dashed lines
All wires are 18 AWG unless otherwise specified

Sample Layout



Light Transmission and Dotting

Output Options	Lens		
	Clear Lens	Half-Frosted Lens	Frosted Lens
60X2HO	CD	CD	SD
60X2VHO	CD	CD	SD
HE48LO	CD	CD	CD
HE48SO	CD	CD	CD
HE48MO	CD	CD	CD
HE48HO	CD	CD	CD
HE64VHO	CD	CD	ND
Transmission Percentage	100%	83%	63%

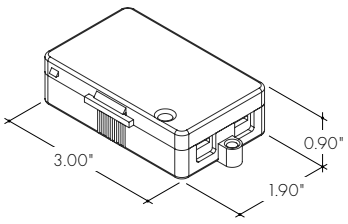


CD **SD** **ND**

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

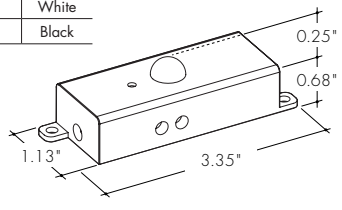
Accessory Options

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



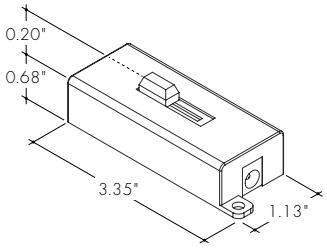
OS-DC-F4-XX
Occupancy Sensor

XX	Color
WH	White
BK	Black



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

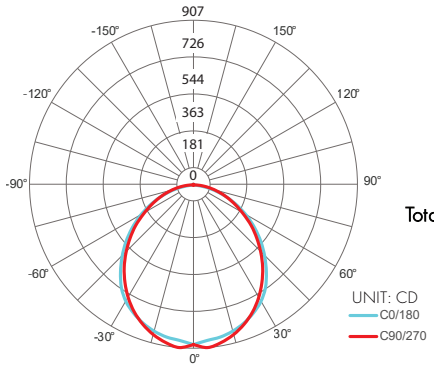
DIM-DC-F4-BK
24VDC Low Voltage In-line Dimmer Module



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

Photometry

KL-48-60X2VHO-30K-HF
Kendo L, 4ft, 3000K, VHO, Half Frosted Lens

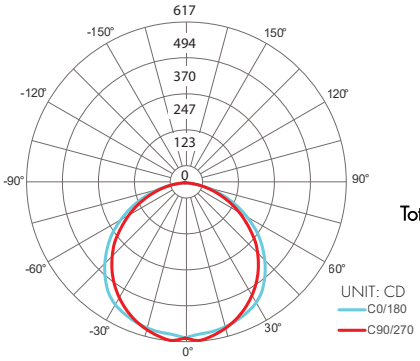


Zonal Lumen Summary 3000K

Zone	Lumen	% Fixture
0-30	631	28.1%
0-40	1025	45.6%
0-60	1763	78.4%
0-90	2217	98.6%
Total 0-180	2248	100%

Beam Angle
57°

KL-48-60X2VHO-30K-F
Kendo L, 4ft, 3000K, VHO, Frosted Lens

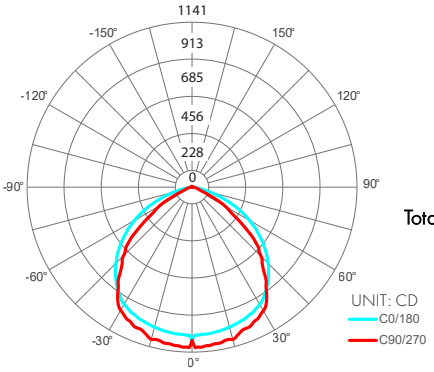


Zonal Lumen Summary 3000K

Zone	Lumen	% Fixture
0-30	437	25.5%
0-40	725	42.4%
0-60	1306	76.3%
0-90	1687	98.6%
Total 0-180	1711	100%

Beam Angle
69°

KL-48-60X2VHO-30K-C
Kendo L, 4ft, 3000K, VHO, Clear Lens



Zonal Lumen Summary 3000K

Zone	Lumen	% Fixture
0-30	817	30.1%
0-40	1353	49.8%
0-60	2307	85.0%
0-90	2693	99.2%
Total 0-180	2714	100%

Beam Angle
65°

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 (60X2)

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	
		HO	VHO			HO	VHO			HO	VHO			HO	VHO
12	11 14/16	8.3	10.4	**47**	–	–	–	**82**	–	–	–	**117**	–	–	–
13	–	–	–	**48**	47	28.2	36.0	**83**	82 3/16	46.3	58.1	**118**	117 5/16	62.1	73.0
14	13 4/16	8.9	11.3	**49**	48 7/16	29.3	37.4	**84**	83 9/16	46.7	58.6	**119**	118 12/16	62.5	73.4
15	14 11/16	9.5	12.1	**50**	49 13/16	29.9	38.1	**85**	85	47.2	59.2	**120**	–	–	–
16	–	–	–	**51**	–	–	–	**86**	–	–	–	**121**	120 2/16	63.5	74.2
17	16 1/16	10.1	12.9	**52**	51 4/16	31.0	39.5	**87**	86 6/16	48.1	60.4	**122**	121 9/16	63.8	74.3
18	17 8/16	11.3	14.5	**53**	52 10/16	31.5	40.2	**88**	87 13/16	48.5	61.0	**123**	122 15/16	64.2	74.4
19	18 14/16	11.9	15.3	**54**	–	–	–	**89**	–	–	–	**124**	–	–	–
20	–	–	–	**55**	54 1/16	32.1	40.9	**90**	89 3/16	49.4	62.2	**125**	124 6/16	64.9	74.6
21	20 5/16	13.1	16.9	**56**	55 7/16	33.1	42.3	**91**	90 10/16	49.9	62.8	**126**	125 12/16	65.2	74.7
22	21 11/16	13.7	17.7	**57**	56 14/16	33.7	43.0	**92**	–	–	–	**127**	–	–	–
23	–	–	–	**58**	–	–	–	**93**	92	50.3	63.4	**128**	127 3/16	65.9	74.9
24	23 2/16	14.3	18.5	**59**	58 4/16	34.8	44.4	**94**	93 7/16	51.2	64.6	**129**	128 9/16	66.3	75.0
25	24 8/16	15.5	20.2	**60**	59 11/16	35.3	45.1	**95**	94 13/16	51.7	65.2	**130**	130	66.6	75.1
26	25 15/16	16.1	20.9	**61**	–	–	–	**96**	–	–	–	**131**	–	–	–
27	–	–	–	**62**	61 1/16	35.9	45.8	**97**	96 4/16	52.6	66.4	**132**	131 6/16	67.3	75.3
28	27 5/16	17.3	22.4	**63**	62 8/16	36.9	47.0	**98**	97 10/16	53.0	66.7	**133**	132 13/16	67.6	75.4
29	28 12/16	17.9	23.2	**64**	63 14/16	37.4	47.6	**99**	–	–	–	**134**	–	–	–
30	–	–	–	**65**	–	–	–	**100**	99 1/16	53.5	66.9	**135**	134 3/16	68.2	75.8
31	30 2/16	19.1	24.7	**66**	65 5/16	38.4	48.7	**101**	100 7/16	54.4	67.4	**136**	135 10/16	68.5	76.0
32	31 9/16	19.7	25.4	**67**	66 11/16	38.9	49.3	**102**	101 14/16	54.8	67.6	**137**	–	–	–
33	32 15/16	20.3	26.2	**68**	–	–	–	**103**	–	–	–	**138**	137	68.8	76.2
34	–	–	–	**69**	68 2/16	39.4	49.9	**104**	103 4/16	55.7	68.1	**139**	138 7/16	69.3	76.7
35	34 6/16	21.6	27.7	**70**	69 8/16	40.4	51.1	**105**	104 11/16	56.1	68.4	**140**	139 13/16	69.6	76.9
36	35 12/16	22.2	28.4	**71**	70 15/16	40.9	51.7	**106**	–	–	–	**141**	–	–	–
37	–	–	–	**72**	–	–	–	**107**	106 1/16	56.5	68.6	**142**	141 4/16	70.2	77.4
38	37 3/16	23.3	29.9	**73**	72 5/16	41.9	52.9	**108**	107 8/16	57.4	69.1	**143**	142 10/16	70.5	77.6
39	38 9/16	23.9	30.5	**74**	73 12/16	42.4	53.5	**109**	108 14/16	57.9	69.3	**144**	–	–	–
40	40	24.4	31.2	**75**	–	–	–	**110**	–	–	–				
41	–	–	–	**76**	75 2/16	43.2	54.5	**111**	110 5/16	58.8	70.1				
42	41 6/16	25.5	32.6	**77**	76 9/16	43.7	55.0	**112**	111 11/16	59.3	70.5				
43	42 13/16	26.0	33.3	**78**	77 15/16	44.1	55.5	**113**	–	–	–				
44	–	–	–	**79**	–	–	–	**114**	113 2/16	59.7	70.9				
45	44 3/16	27.1	34.7	**80**	79 6/16	45.0	56.6	**115**	114 8/16	60.7	71.8				
46	45 10/16	27.7	35.3	**81**	80 12/16	45.4	57.1	**116**	115 15/16	61.1	72.2				

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 (HE48)

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			
		LO	SO	MO	HO			LO	SO	MO	HO			LO	SO	MO	HO			LO	SO	MO	HO
12	10 7/16	1.7	2.5	3.5	5.7	**47**	–	–	–	–	–	**82**	81 5/16	12.5	19.9	23.9	42.2	**117**	116 12/16	17.5	27.7	34.3	58.7
13	12 7/16	1.7	2.5	3.5	5.7	**48**	47 14/16	7.1	11.2	13.9	25.4	**83**	–	–	–	–	–	**118**	–	–	–	–	–
14	–	–	–	–	–	**49**	–	–	–	–	–	**84**	83 5/16	12.8	20.3	24.5	43.1	**119**	118 12/16	17.8	28.1	34.9	59.6
15	14 6/16	2.0	3.0	4.0	7.2	**50**	49 13/16	7.4	11.7	14.5	26.3	**85**	–	–	–	–	–	**120**	–	–	–	–	–
16	–	–	–	–	–	**51**	–	–	–	–	–	**86**	85 4/16	13.1	20.8	25.1	44.1	**121**	120 11/16	18.1	28.6	35.5	60.5
17	16 6/16	2.4	3.5	4.6	8.7	**52**	51 13/16	7.7	12.3	15.1	27.4	**87**	–	–	–	–	–	**122**	–	–	–	–	–
18	–	–	–	–	–	**53**	–	–	–	–	–	**88**	87 4/16	13.4	21.3	25.7	45.0	**123**	122 11/16	18.3	29.0	36.0	62.1
19	18 5/16	2.7	3.9	5.2	10.2	**54**	53 12/16	8.0	12.9	15.7	28.5	**89**	–	–	–	–	–	**124**	–	–	–	–	–
20	–	–	–	–	–	**55**	–	–	–	–	–	**90**	89 3/16	13.7	21.7	26.3	46.0	**125**	124 10/16	18.4	29.5	36.6	63.8
21	20 5/16	3.0	4.4	5.8	11.7	**56**	55 12/16	8.4	13.5	16.4	29.5	**91**	–	–	–	–	–	**126**	–	–	–	–	–
22	–	–	–	–	–	**57**	–	–	–	–	–	**92**	91 3/16	14.0	22.1	26.9	47.0	**127**	126 10/16	18.6	29.9	37.2	65.4
23	22 4/16	3.4	4.9	6.4	13.2	**58**	57 11/16	8.7	14.0	17.0	30.6	**93**	–	–	–	–	–	**128**	–	–	–	–	–
24	–	–	–	–	–	**59**	–	–	–	–	–	**94**	93 2/16	14.3	22.6	27.5	47.9	**129**	128 9/16	18.8	30.4	37.7	67.0
25	24 4/16	3.7	5.4	7.0	14.7	**60**	59 11/16	9.0	14.6	17.6	31.6	**95**	–	–	–	–	–	**130**	–	–	–	–	–
26	–	–	–	–	–	**61**	–	–	–	–	–	**96**	95 2/16	14.4	22.8	27.8	48.4	**131**	130 9/16	18.9	30.8	38.3	68.6
27	26 3/16	4.1	5.9	7.5	15.8	**62**	61 10/16	9.4	15.2	18.2	32.6	**97**	–	–	–	–	–	**132**	–	–	–	–	–
28	–	–	–	–	–	**63**	–	–	–	–	–	**98**	97 1/16	14.7	23.3	28.5	49.4	**133**	132 8/16	19.1	31.2	38.9	70.2
29	28 3/16	4.4	6.4	8.1	16.8	**64**	63 10/16	9.7	15.6	18.7	33.7	**99**	–	–	–	–	–	**134**	–	–	–	–	–
30	–	–	–	–	–	**65**	–	–	–	–	–	**100**	99 1/16	15.0	23.7	29.0	50.4	**135**	134 8/16	19.3	31.8	39.4	70.7
31	30 2/16	4.8	6.9	8.7	17.9	**66**	65 9/16	10.0	16.1	19.2	34.7	**101**	–	–	–	–	–	**136**	–	–	–	–	–
32	–	–	–	–	–	**67**	–	–	–	–	–	**102**	101	15.3	24.1	29.6	51.3	**137**	136 7/16	19.5	32.3	40.0	71.2
33	32 2/16	5.0	7.2	9.0	18.5	**68**	67 9/16	10.4	16.5	19.8	35.7	**103**	103	15.6	24.6	30.2	52.3	**138**	–	–	–	–	–
34	–	–	–	–	–	**69**	–	–	–	–	–	**104**	–	–	–	–	–	**139**	138 7/16	19.8	32.8	40.6	71.8
35	34 1/16	5.4	7.7	9.6	19.5	**70**	69 8/16	10.7	17.0	20.3	36.7	**105**	104 15/16	15.8	25.0	30.7	53.2	**140**	–	–	–	–	–
36	–	–	–	–	–	**71**	–	–	–	–	–	**106**	–	–	–	–	–	**141**	140 6/16	20.0	33.3	41.1	72.3
37	36 1/16	5.7	8.2	10.2	20.6	**72**	71 8/16	11.0	17.4	20.8	37.7	**107**	106 15/16	16.1	25.5	31.3	54.2	**142**	–	–	–	–	–
38	–	–	–	–	–	**73**	–	–	–	–	–	**108**	–	–	–	–	–	**143**	142 6/16	20.2	33.9	41.7	72.8
39	38	6.0	8.7	10.8	21.5	**74**	73 7/16	11.3	17.9	21.4	38.7	**109**	108 14/16	16.4	25.9	31.9	55.2	**144**	–	–	–	–	–
40	40	6.2	9.2	11.4	22.3	**75**	–	–	–	–	–	**110**	–	–	–	–	–						
41	–	–	–	–	–	**76**	75 7/16	11.6	18.4	22.0	39.6	**111**	110 14/16	16.7	26.4	32.5	56.1						
42	41 15/16	6.4	9.7	12.0	23.1	**77**	–	–	–	–	–	**112**	–	–	–	–	–						
43	–	–	–	–	–	**78**	77 6/16	11.9	18.9	22.7	40.5	**113**	112 13/16	17.0	26.8	33.1	57.0						
44	43 15/16	6.7	10.2	12.6	23.9	**79**	–	–	–	–	–	**114**	–	–	–	–	–						
45	–	–	–	–	–	**80**	79 6/16	12.2	19.4	23.3	41.4	**115**	114 13/16	17.3	27.3	33.7	57.9						
46	45 14/16	6.9	10.7	13.3	24.7	**81**	–	–	–	–	–	**116**	–	–	–	–	–						

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 VHO	Nominal Length (in)	End Feed Actual Length*	Watts VHO	Nominal Length (in)	End Feed Actual Length*	Watts VHO	Nominal Length (in)	End Feed Actual Length*	Watts VHO
12	11 4/16	7.6	**47**	46 1/16	28.2	**82**	–	–	**117**	–	–
13	12 12/16	7.6	**48**	47 9/16	29.5	**83**	82 6/16	51.7	**118**	117 4/16	72.8
14	–	–	**49**	–	–	**84**	83 15/16	52.3	**119**	118 12/16	73.3
15	14 4/16	8.9	**50**	49 1/16	30.1	**85**	–	–	**120**	–	–
16	15 12/16	9.5	**51**	50 10/16	31.4	**86**	85 7/16	53.6	**121**	120 4/16	74.4
17	–	–	**52**	–	–	**87**	86 15/16	54.2	**122**	121 12/16	74.8
18	17 5/16	10.7	**53**	52 2/16	32.0	**88**	–	–	**123**	–	–
19	18 13/16	11.4	**54**	53 10/16	33.3	**89**	88 7/16	55.5	**124**	123 4/16	75.6
20	–	–	**55**	–	–	**90**	89 15/16	56.2	**125**	124 13/16	76.0
21	20 5/16	12.6	**56**	55 2/16	34.0	**91**	–	–	**126**	–	–
22	21 13/16	13.2	**57**	56 10/16	35.2	**92**	91 8/16	57.5	**127**	126 5/16	76.8
23	–	–	**58**	–	–	**93**	93	58.2	**128**	127 13/16	77.2
24	23 5/16	14.5	**59**	58 3/16	36.5	**94**	–	–	**129**	–	–
25	24 14/16	15.1	**60**	59 11/16	37.2	**95**	94 8/16	59.5	**130**	129 5/16	78.0
26	–	–	**61**	–	–	**96**	–	–	**131**	130 14/16	78.4
27	26 6/16	16.4	**62**	61 3/16	38.4	**97**	96	60.1	**132**	–	–
28	27 14/16	17.0	**63**	62 11/16	39.1	**98**	97 9/16	61.4	**133**	132 6/16	79.2
29	–	–	**64**	–	–	**99**	–	–	**134**	133 14/16	79.6
30	29 6/16	18.2	**65**	64 4/16	40.4	**100**	99 1/16	62.0	**135**	–	–
31	30 15/16	18.9	**66**	65 12/16	41.0	**101**	100 9/16	63.2	**136**	135 6/16	80.3
32	–	–	**67**	–	–	**102**	–	–	**137**	136 14/16	80.6
33	32 7/16	20.1	**68**	67 4/16	42.3	**103**	102 1/16	63.8	**138**	–	–
34	33 15/16	20.7	**69**	68 12/16	42.9	**104**	103 9/16	65.0	**139**	138 7/16	81.3
35	–	–	**70**	–	–	**105**	–	–	**140**	139 15/16	81.7
36	35 7/16	22.0	**71**	70 4/16	44.2	**106**	105 2/16	65.6	**141**	–	–
37	36 15/16	22.6	**72**	71 13/16	44.9	**107**	106 10/16	66.8	**142**	141 7/16	82.4
38	–	–	**73**	–	–	**108**	–	–	**143**	142 15/16	82.7
39	38 8/16	23.9	**74**	73 5/16	46.1	**109**	108 2/16	67.4	**144**	–	–
40	40	24.5	**75**	74 13/16	46.7	**110**	109 10/16	68.5			
41	–	–	**76**	–	–	**111**	–	–			
42	41 8/16	25.7	**77**	76 5/16	48.0	**112**	111 3/16	69.6			
43	–	–	**78**	77 14/16	48.6	**113**	112 11/16	70.1			
44	43	26.4	**79**	–	–	**114**	–	–			
45	44 9/16	27.6	**80**	79 6/16	49.8	**115**	114 3/16	71.2			
46	–	–	**81**	80 14/16	50.4	**116**	115 11/16	71.7			

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

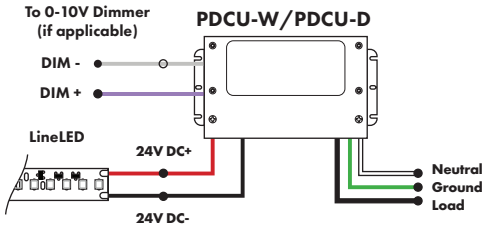
Power Supplies

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.

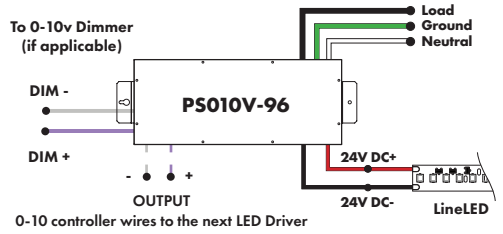


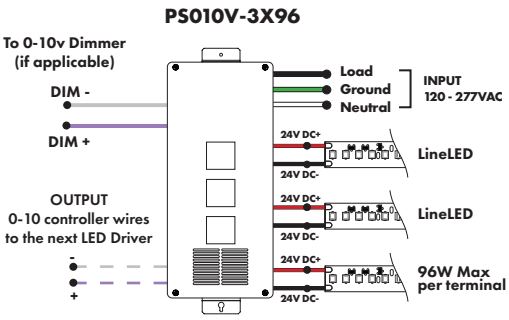
MODELS	PDCU-W 96W	PDCU-W 3X96W	PDCU-D 30W	PDCU-D 60W	PDCU-D 96W	PDCU-D 3X96W
Length	8.66"	11.85"	6.10"	7.93"	8.25"	9.57"
Width	3.73"	4.32"	3.35"	3.35"	4.10"	5.94"
Depth	1.61"	1.81"	1.33	1.32"	1.56"	1.13"

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

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
Length	14.40"	15.75"
Width	5.20"	6.62"
Depth	2.60"	4.95"

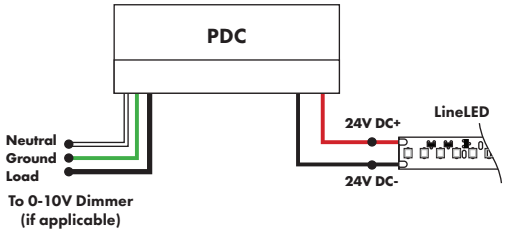




Triac, MLV, ELV, & PWM Compatible Dimmers

MODEL	POWER	OUTPUT
PDC - (IP20) Power Supply	96 - 96 Watts	24 - 24 VDC

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

MODEL		POWER		OUTPUT
	-		-	

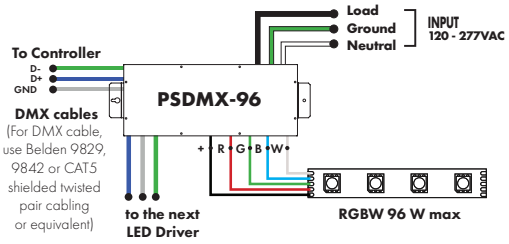
PSDMX - DMX Power Supply dims down to 0%

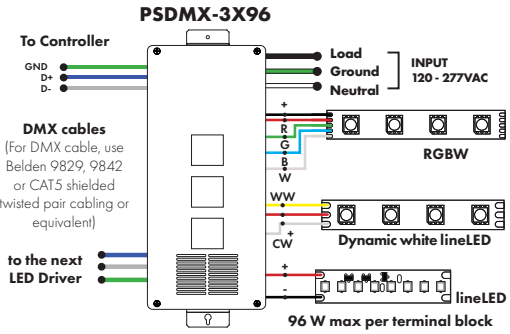
96 - 96 Watt
3X96 - 3 X 96 Watt

24 - 24 VDC

Features eldoLED's LINEARdrive configurable dimmable drivers

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





DALI 0% Dimming Power Supplies 120VAC - 277VAC

MODEL		POWER		OUTPUT
	-		-	

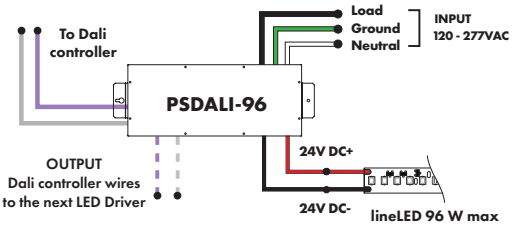
PSDALI - DALI Power Supply dims down to 0%

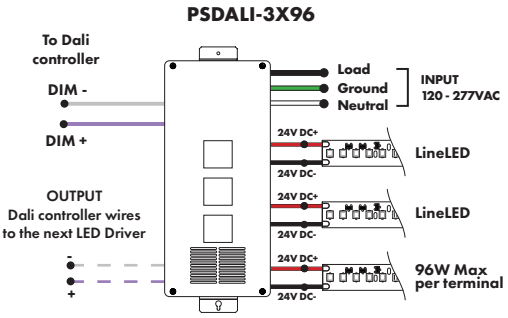
96 - 96 Watt
3X96 - 3 X 96 Watt

24 - 24 VDC

Features eldoLED's LINEARdrive configurable dimmable drivers

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





Enlighted Enabled Dimming Power Supplies 120VAC - 277VAC

MODEL		POWER		OUTPUT		DIMMING		LOCATION
	-		-		-		-	

PSV - PSV Series

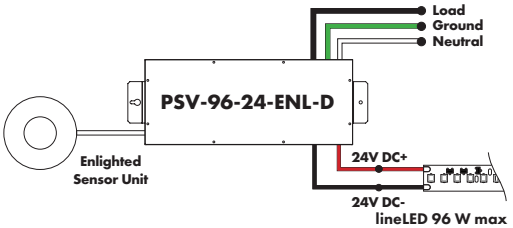
96 - 96 Watt

24 - 24 VDC

ENL - Enlighted Dimming dims down to 0%

D - Damp

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



Power Supplies

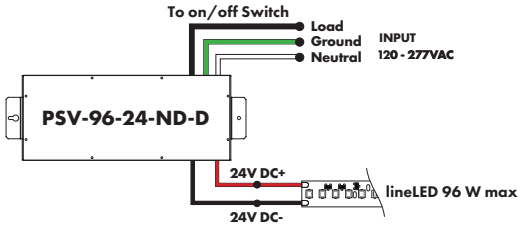
See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

Non-Dimming Power Supply 120VAC - 277VAC

MODEL	POWER	OUTPUT	DIMMING	LOCATION

PSV - PSV Series | 96 - 96 Watt | 24 - 24 VDC | U2ND - Non Dimming | D - Damp

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



LUTRON®

Luminii is a Lutron OEM Advantage Partner

Lutron Power Supplies 1%

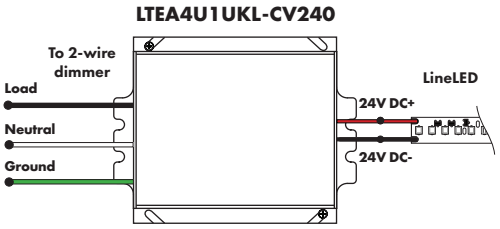
MODEL	MODEL
LTEA4U1UKL-CV240	L3DA4U1UKL-CV240

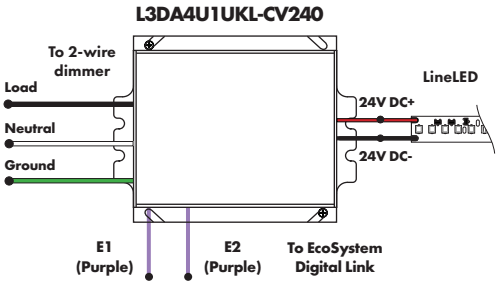
Lutron - Hi-lume™ 1% 2-wire LED Driver 40W max

Hi-lume™ 1% EcoSystem Voltage LED driver 40W max

(120V forward phase only)

MODELS	LTEA41UKL-CV240	L3DA4U1UKL-CV240
Length	4.89"	4.98"
Width	4.00"	4.00"
Depth	2.62"	2.62"





LUTRON®

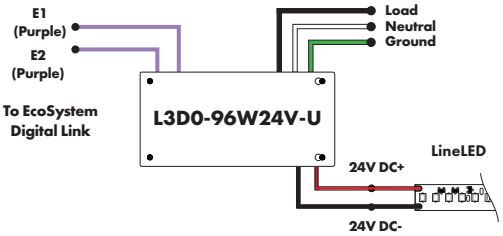
Luminii is a Lutron OEM Advantage Partner

Lutron Power Supplies 0.1%

MODEL
L3D0-96W24V-U

Hi-lume™ 0.1% EcoSystem Voltage LED Driver with Soft-On, Fade-to-Black™ 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 DALI - ELV Dimming 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"