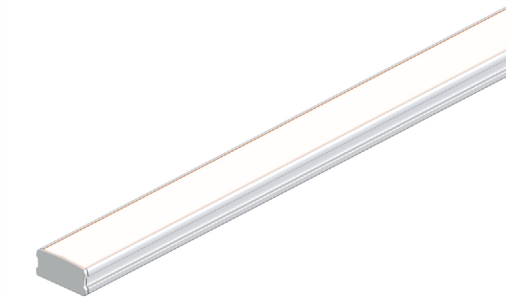
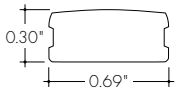


Features

- 24VDC Class 2 and IP68 rated for wet locations, 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, curtain pocket, toe-kick, stair tread, architectural reveals, handrail, wet, outdoor, and accent lighting
- 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 600 lm/ft and up to 80 lm/W
- Proprietary strong bond solder method handles up to 50 lbs of pull force on wire leads and connectors
- 3 Year warranty

IP68



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 | Single Bin +/- 30 CCT | RoHS | cULus LISTED | TITLE 24 JA8 COMPLIANT | DIM

Technical Information

MODEL	High Color Quality			High Efficacy				High Efficacy
OUTPUT OPTIONS	**72SO**	**72HO**	**72VHO**	**HE48LO**	**HE48SO**	**HE48MO**	**HE48HO**	**HE64VHO**
Lumens Output (3000K) (with a Clear Lens)	164 lm/ft	267 lm/ft	325 lm/ft	160 lm/ft	222 lm/ft	296 lm/ft	475 lm/ft	601 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	59 lm/W	56 lm/W	54 lm/W	84 lm/W	79 lm/W	85 lm/W	73 lm/W	80 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]	45°C [113°F]	35°C [97°F]	50°C [122°F]			30°C [90°F]	25°C [75°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 (72)

CCT	Multiplier (reference - 3000K)	TM-30 CRI	R_f	R_g	R_9
2700K	0.97	97	96	99	93
3000K	1.00	96	95	99	92
3500K	1.01	96	95	100	94
4100K	1.34	97	96	102	92

High Efficacy (HE48/HE64)

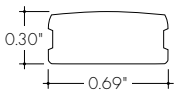
CCT	Multiplier (reference - 3000K)	TM-30 CRI	R_f	R_g	R_9
2700K	0.94	92	90	99	46
3000K	1.00	92	89	99	62
3500K	1.02	92	89	99	58
4000K	1.02	92	86	94	52

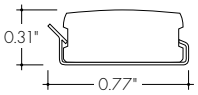
Ordering Code

MODEL	LENGTH[1]	OUTPUT	CCT	LENS[2]	MOUNTING	FINISH[3]	POSITION	POWER FEED	ACCESSORIES
KSW-Kendo S Wet	12" - 144" 1" increments	72SO-Standard 72HO-High 72VHO-Very High	27K-2700K 30K-3000K 35K-3500K 40K-4000K	C–Clear Lens F-Frosted	FC Fixed Clip A Adjustable Hinge Mounting FC45 Fixed Clip, 45°	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]	E-End B-Back	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-Quick Connect at both ends	___- BLS-Blade louver, Silver BLBK-Blade louver, Black BLWH Blade louver, White GSS-Glare shield, Silver GSBK-Glare shield, Black GSWH Glare shield, White
	12" - 144" 2" increments	HE48LO-Low HE48SO-Standard HE48MO-Medium HE48HO-High HE64VHO-Very High	27K-2700K 30K-3000K 35K-3500K 40K-4000K						

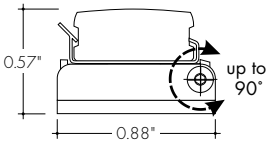
1 - Custom lengths and increments are available, please consult Inside Sales with specific request.
2 - All High Efficacy options can be used to comply with Title 24 JA8. High Color Quality options can be used to comply with Title 24 JA8 depending on Output, CCT, and Lens selections, see multiplier charts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

Product Dimensions

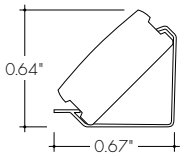




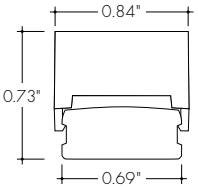
Fixed Mounting Bracket



Adjustable Hinged Bracket



45° Mounting Bracket



Clear, Half-frosted, Frosted, & Flat Frosted, & Medium Lens with Blade Louver or Glare Shield Accesory

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 and price adder.
- 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
Base

Silver Anodized is a soft silver with a clear finish.

Black
Standard

Black is a true deep black with a glossy finish.

Bronze
Standard

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

White
Standard

White is a polar bright white and field paintable.

Matte Black
Premium

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

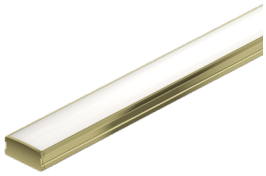
Warm Nickel
Premium

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



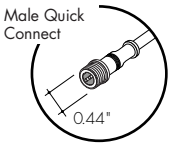
Polished Gold is bright and radiant for a brilliant finish.

Chrome
Premium

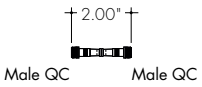
Chrome is a highly reflective silver polish.

Powerfeeds and Connectors

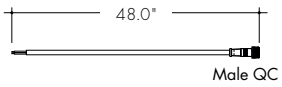
Linking and Extension Cable Options



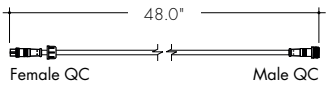
WET-FMA-2-2
Female to Male Adapter, 2 pin

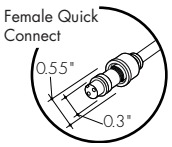


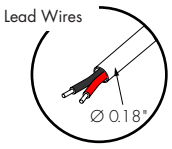
WET-CON-LEAD-M-2-48
Male Wet Connector Cable, 2 pin, 48"



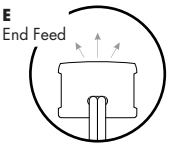
WET-CON-JC-F-M-2-48
Female/Male Wet Jumper Cable, 2 pin, 48"





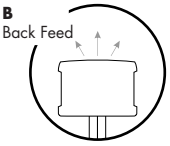


Powerfeeds Position/Type

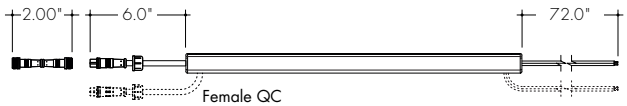


1
72" wire leads

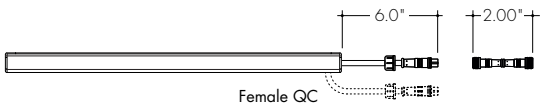
1X2
72" wire leads at both ends



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



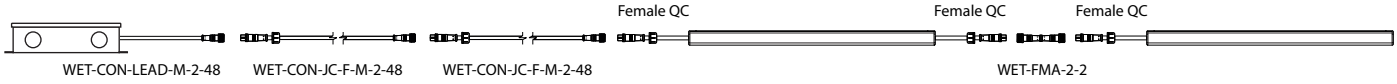
3
Single Female Quick Connect

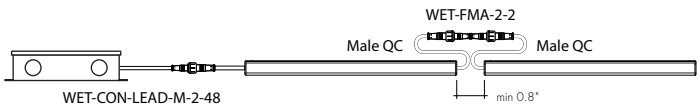


4
Female Quick Connect at both ends

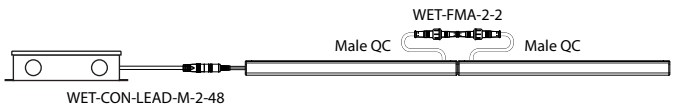
Side and Back feeds shown as dashed lines
All wires are 18 AWG unless otherwise specified
-2, -3, -4 include Wet-FMA as shown

Sample Layout





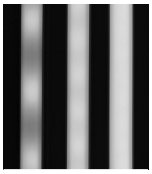
End feed shown



Side and Back feed shown

Light Transmission and Dotting

Output Options	Lens/Accessory: Clear	Lens/Accessory: Frosted
72SO	CD	ND
72HO	CD	ND
72VHO	CD	ND
HE48LO	CD	ND
HE48SO	CD	ND
HE48MO	CD	ND
HE48HO	CD	ND
HE64VHO	CD	ND
Transmission Percentage	100%	55%

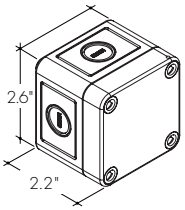


CD **SD** **ND**

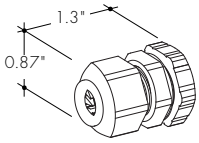
CD - Clear Dotting
SD - Slight Dotting
ND - No Dotting

Accessory Options

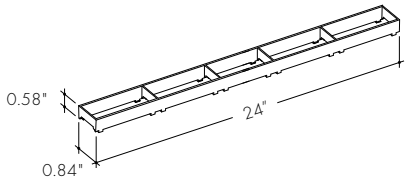
LVSP-WET
Splice box: wet rated, low voltage, gray



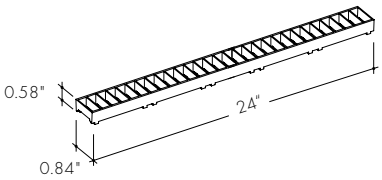
LVSP-WET-CM
Connector for splice box, low voltage for cable management, gray.



LV-GS-KMSC-24-XX
Glare Shield reduces glare at high angle, field cuttable. Also available with complete fixture, use ordering code **-GSXX**



LV-BL-KMSC-24-XX
Blade Louver reduces glare at high angle in two directions Also available with complete fixture, use ordering code **-BLXX**

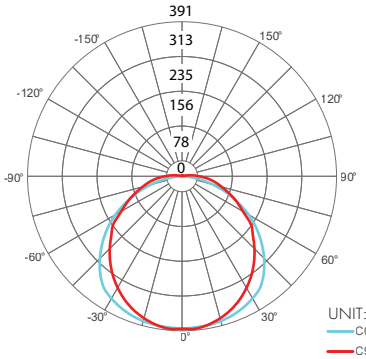


XX	Color
WH	White
BK	Black
SL	SIlver

Photometry

KSW-48-72VHO-30K-C

Kendo S Wet, 4ft, 3000K, VHO, Clear Lens



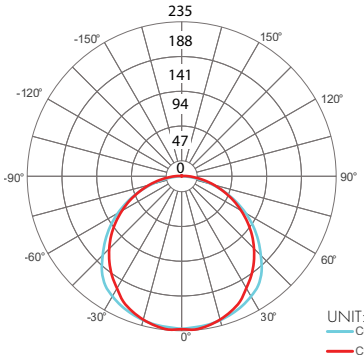
Zonal Lumen Summary 3000K

Zone	Lumen	% Fixture
0-30	307	23.7%
0-40	512	39.4%
0-60	933	71.8%
0-90	1273	98.0%
Total 0-180	1299	100.0%

Beam Angle
127°

KSW-48-72VHO-30K-F

Kendo S Wet, 4ft, 3000K, VHO, Frosted Lens



Zonal Lumen Summary 3000K

Zone	Lumen	% Fixture
0-30	184	25.7%
0-40	304	42.5%
0-60	546	76.2%
0-90	707	98.7%
Total 0-180	717	100.0%

Beam Angle
114°

Power Consumption

Tested at Full Power with PDC Series power supplies.
Standard Nominal Lengths offered provide minimal shadowing. For alternate lengths, please contact factory with specific request.

High Color Quality (72)

Nominal Length (in)	Back and End Feed Actual Length	Watts			Nominal Length (in)	Back and End Feed Actual Length	Watts			Nominal Length (in)	Back and End Feed Actual Length	Watts			Nominal Length (in)	Back and End Feed Actual Length	Watts		
		SO	HO	VHO			SO	HO	VHO			SO	HO	VHO			SO	HO	VHO
12	11 5/16	2.7	4.4	6.2	**47**	46 1/16	10.2	17.1	22.6	**82**	81 15/16	18.3	29.5	38.4	**117**	116 11/16	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**	–	–	–	–	**118**	117 13/16	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**	83 1/16	18.5	29.8	38.8	**119**	119	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**	84 4/16	18.7	30.1	39.2	**120**	–	–	–	–
16	15 15/16	3.4	5.6	7.8	**51**	50 11/16	11.4	18.9	24.9	**86**	85 6/16	19.2	30.8	40.0	**121**	120 2/16	26.5	41.7	53.6
17	–	–	–	–	**52**	51 13/16	11.6	19.3	25.3	**87**	86 9/16	19.4	31.1	40.4	**122**	121 5/16	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 12/16	19.6	31.5	40.8	**123**	122 7/16	27.1	42.6	54.7
19	18 4/16	3.9	6.5	8.9	**54**	–	–	–	–	**89**	88 14/16	19.9	31.8	41.1	**124**	123 10/16	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**	–	–	–	–	**125**	124 12/16	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 1/16	20.1	32.2	41.5	**126**	125 15/16	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**	91 3/16	20.4	32.5	41.9	**127**	–	–	–	–
23	22 14/16	5.1	8.6	11.5	**58**	57 10/16	13.1	21.6	27.8	**93**	92 6/16	20.6	32.9	42.3	**128**	127 1/16	27.9	43.7	56.1
24	–	–	–	–	**59**	58 12/16	13.3	22.0	28.3	**94**	93 8/16	21.1	33.6	43.1	**129**	128 4/16	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 11/16	21.3	33.9	43.4	**130**	129 7/16	28.5	44.5	57.1
26	25 3/16	5.6	9.4	12.6	**61**	–	–	–	–	**96**	95 13/16	21.5	34.2	43.8	**131**	130 9/16	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**	97	21.8	34.6	44.2	**132**	131 12/16	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**	–	–	–	–	**133**	132 14/16	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**	98 2/16	22.0	34.9	44.6	**134**	–	–	–	–
30	29 13/16	6.7	11.2	15.0	**65**	64 9/16	14.7	24.1	31.0	**100**	99 5/16	22.2	35.2	45.0	**135**	134 1/16	29.3	45.5	58.4
31	31	6.9	11.6	15.5	**66**	65 12/16	14.9	24.4	31.4	**101**	100 7/16	22.5	35.9	45.9	**136**	135 3/16	29.5	45.7	58.7
32	–	–	–	–	**67**	66 14/16	15.1	24.7	31.9	**102**	101 10/16	22.7	36.2	46.3	**137**	136 6/16	29.6	45.9	59.1
33	32 2/16	7.1	12.0	16.0	**68**	–	–	–	–	**103**	102 12/16	22.9	36.5	46.7	**138**	137 8/16	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 15/16	23.1	36.8	47.1	**139**	138 11/16	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**	–	–	–	–	**140**	139 13/16	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**	105 1/16	23.3	37.1	47.5	**141**	141	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 4/16	23.5	37.4	48.0	**142**	–	–	–	–
38	37 15/16	8.4	14.2	18.9	**73**	72 11/16	16.4	26.6	34.7	**108**	107 6/16	23.9	38.1	48.8	**143**	142 2/16	30.7	47.2	61.0
39	–	–	–	–	**74**	73 13/16	16.6	26.9	35.1	**109**	108 9/16	24.1	38.4	49.2	**144**	143 5/16	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 12/16	24.3	38.7	49.6					
41	40 4/16	8.9	14.9	19.8	**76**	–	–	–	–	**111**	110 14/16	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**	–	–	–	–					
43	42 9/16	9.6	16.0	21.2	**78**	77 5/16	17.3	27.9	36.3	**113**	112 1/16	24.8	39.3	50.4					
44	43 12/16	9.8	16.4	21.7	**79**	78 7/16	17.7	28.5	37.2	**114**	113 3/16	25.0	39.6	50.8					
45	44 14/16	10.0	16.7	22.1	**80**	79 10/16	17.9	28.9	37.6	**115**	114 6/16	25.2	39.9	51.2					
46	–	–	–	–	**81**	80 12/16	18.1	29.2	38.0	**116**	115 8/16	25.6	40.5	52.0					

Power Consumption

Tested at Full Power with PDCU Series power supplies.
Standard Nominal Lengths offered provide minimal shadowing. For alternate lengths, please contact factory with specific request.

High Efficacy (HE48)

Nominal Length (in)	Back and End Feed Actual Length	Watts				Nominal Length (in)	Back and End Feed Actual Length	Watts				Nominal Length (in)	Back and End Feed Actual Length	Watts				Nominal Length (in)	Back and End Feed Actual Length	Watts			
		LO	SO	MO	HO			LO	SO	MO	HO			LO	SO	MO	HO			LO	SO	MO	HO
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	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 contact factory with specific request.

High Efficacy (HE64)

Nominal Length (in)	Back and End Feed Actual Length	Watts VHO	Nominal Length (in)	Back and End Feed Actual Length	Watts VHO	Nominal Length (in)	Back and End Feed Actual Length	Watts VHO	Nominal Length (in)	Back and End Feed Actual Length	Watts 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			

Voltage Drop Calculator

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

Wattage [W]	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

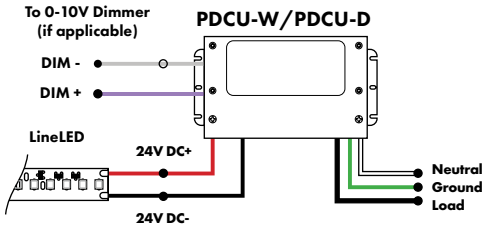
Power Supplies

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.

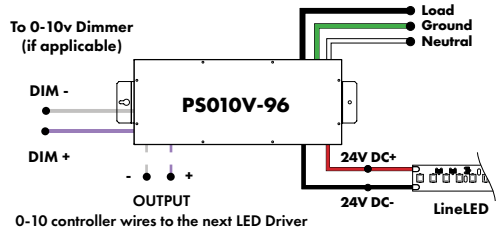


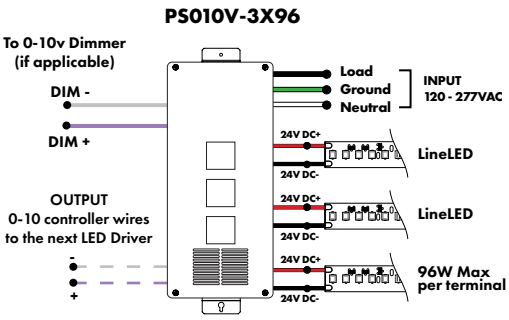
MODELS	PDCU-W 96W	PDCU-W 3X96W	PDCU-D 30W	PDCU-D 60W	PDCU-D 96W	PDCU-D 3X96W
Length	8.66"	11.85"	6.10"	7.93"	8.25"	9.57"
Width	3.73"	4.32"	3.35"	3.35"	4.10"	5.94"
Depth	1.61"	1.81"	1.33	1.32"	1.56"	1.13"

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"

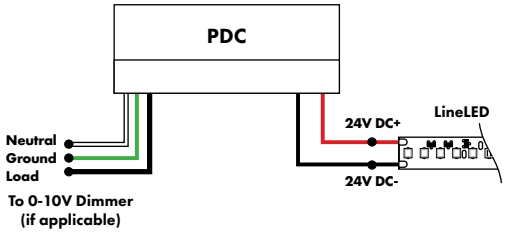




Triac, MLV, & ELV Compatible Dimmers

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
	-		-	

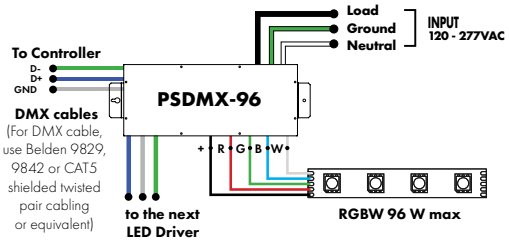
PSDMX - DMX Power Supply dims down to 0%

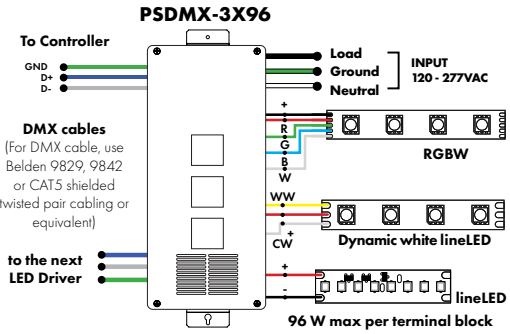
96 - 96 Watt
3X96 - 3 X 96 Watt

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
	-		-	

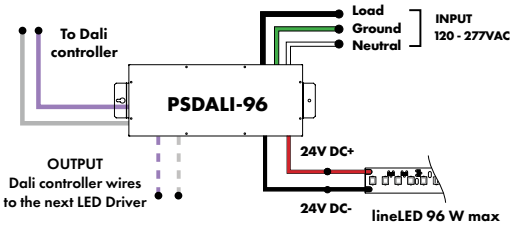
PSDALI - DALI Power Supply dims down to 0%

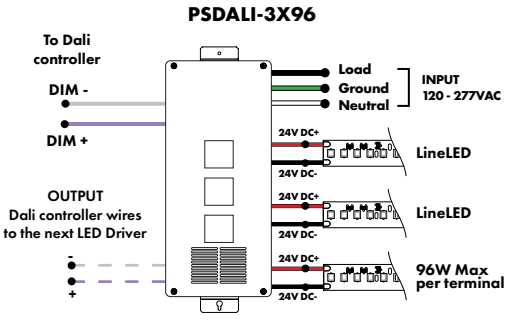
96 - 96 Watt
3X96 - 3 X 96 Watt

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

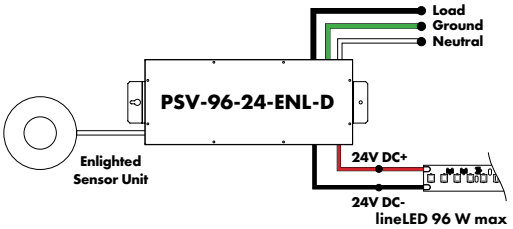
96 - 96 Watt

24 - 24 VDC

ENL - Enlighted Dimming dims down to 0%

D - Damp

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



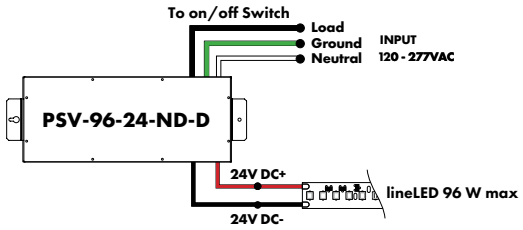
Power Supplies

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	ND - Non Dimming	D - Damp

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



LUTRON®

Luminii is a Lutron OEM Advantage Partner

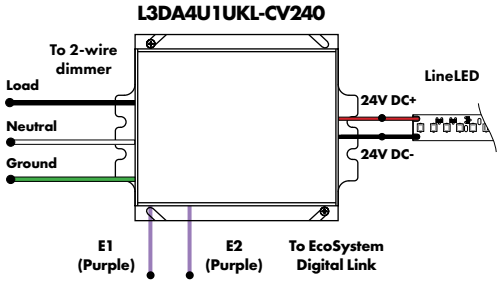
Lutron Power Supplies 1%

MODEL

L3DA4U1UKL-CV240

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

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



LUTRON®

Luminii is a Lutron OEM Advantage Partner

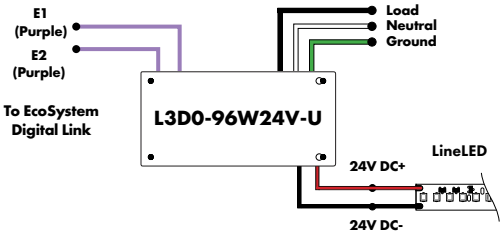
Lutron Power Supplies 0.1%

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 - 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"