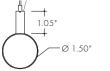
Linear Illumination System









White Matte Black Warm Nickel

Aged Brass Polished Gold Chrome



Technical Information

MODEL	High Cole	or Quality		High I	High E	High Efficacy		
OUTPUT OPTIONS	60X2HO	60X2VHO	HE48LO	HE48SO	HE48MO	HE48HO	HE64VHO	HE64XHO
Lumens Output (3000K) (with a Clear Lens)	433 lm/ft	541 lm/ft	172 lm/ft	238 lm/ft	318 lm/ft	510 lm/ft	646 lm/ft	726 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	9.6 W/ft
Efficacy	59 lm/W	58 lm/W	91 lm/W	85 lm/W	91 lm/W	78 lm/W	86 lm/W	76 lm/W
Max Run Length (in series)	26 ft	21 ft	48 ft	42 ft	33 ft	21 ft	15 ft	13 ft
Max Ambient Temperature*	50°C	[122°F]		50°C	50°C [122°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		тм	-30	
ССТ	(reference - 3000K)	CRI	Rf	Rg	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
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	TM-30							
CCT	(reference - 3000K)	CRI	Rf	Rg	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	LENGTH	OUTPUT	CCT	LENS ²	LIGHT DIRECTION	MOUNTING	FINISH ^{3, 4}
			-		-	-	-
RUN - Runda	12" - 116" 1" increments	60X2HO-High 60X2VHO-Very High	22K-2200K 24K-2400K 27K-2700K 30K-3000K 35K-3500K 41K-4100K	C-Clear F-Frosted	U-Up P-Down	POA-Power Over Aircraft Suspension	SA - Silver Anodized BK - Black BZ - Bronze WH - White MBK - Matte Black WN - Warm Nickel AB - Aged Brass
	12" - 116" 2" increments	HE48LO-Low HE48SO-Standard HE48MO-Medium HE48HO-High HE64VHO-Very High HE64XHO-Max	22K-2200K 25K-2500K 27K-2700K 30K-3000K 35K-3500K 40K-4000K				PG-Pðlished Gold ^s CH-Chrome ^s

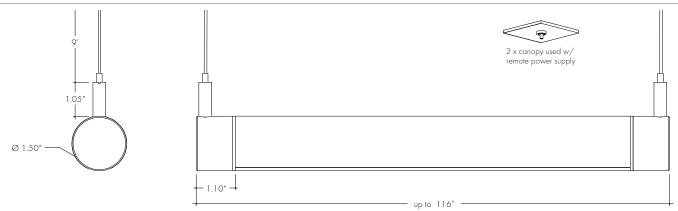
Custom lengths and increments are available, please consult inside Soles with specific request.
All High Efficacy options can be used to comply with Title 24 JA8. High Color Southy options can be used to comply with Title 24 JA8 depending on Output, CCT, and lens selections. See multiplier charts to calculate specific efficacies.

3 - Non SA finishes may have extended lead times. Custom RALs are available, please consult Inside Sales with specific request 4 · White canopy included with all finishes except Black and Matte Black, which includes a Black canopy. 5 · Polished Gold finishes have a maximum fixture length of 48°, and Charome finishes have a maximum fixture length of 72°.

Linear Illumination System



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 section length of 48", and Chrome finishes have a maximum section length of 72".
- Custom RALs are available, please consult Inside Sales with specific request.

golden undertones.



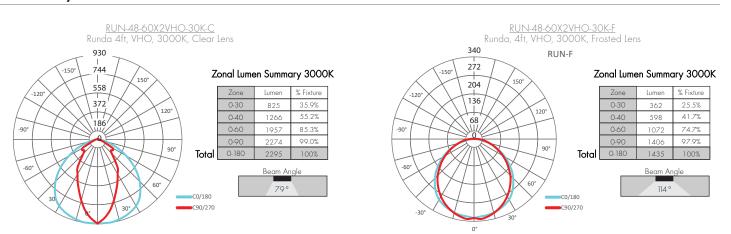
REVO.1 02222023

tones and a satin finish.

Light Transmission and Dotting

	Lens/A	ccessory	
Output Options	Clear Lens	Frosted Lens	
60X2HO	CD	ND	
60X2VHO	CD	ND	
HE48LO	CD	ND	
HE48SO	CD	ND	
HE48MO	CD	ND	
HE48HO	CD	ND	
HE64VHO	CD	ND	CD SD ND
HE64XHO	CD	ND	CD - Clear Dotting
Transmission Percentage	100%	63%	SD - Slight Dotting ND - No Dotting

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	Actual	W	atts	Nominal	Actual	w	atts	Nominal	Actual	W	atts
Length (in)	Length	НО	VHO	Length (in)	Length	но	VHO	Length (in)	Length	но	VHO
12	11 6/16	8.3	10.4	47	46 8/16	27.1	34.7	82	81 11/16	45.0	56.6
13	12 12/16	8.3	10.4	48	47 15/16	27.7	35.3	83	-	-	-
14	-	-	-	49	-	-	-	84	83 1/16	45.4	57.1
15	14 3/16	8.3	10.4	50	49 5/16	28.2	36.0	85	84 8/16	46.3	58.1
16	15 9/16	8.9	11.3	51	50 12/16	29.3	37.4	86	85 14/16	46.7	58.6
17	17	9.5	12.1	52	-	-	-	87	-	-	-
18	-	-	-	53	52 2/16	29.9	38.1	88	87 5/16	47.2	59.2
19	18 6/16	10.1	12.9	54	53 9/16	31.0	39.5	89	88 11/16	48.1	60.4
20	19 13/16	11.3	14.5	55	54 15/16	31.5	40.2	90	-	-	-
21	-	-	-	56	-	-	-	91	90 2/16	48.5	61.0
22	21 3/16	11.9	15.3	57	56 6/16	32.1	40.9	92	91 8/16	49.4	62.2
23	22 10/16	13.1	16.9	58	57 12/16	33.1	42.3	93	92 15/16	49.9	62.8
24	-	-	-	59	-	-	-	94	-	-	-
25	24	13.7	17.7	60	59 3/16	33.7	43.0	95	94 5/16	50.3	63.4
26	25 7/16	14.3	18.5	61	60 9/16	34.8	44.4	96	95 12/16	51.2	64.6
27	26 13/16	15.5	20.2	62	62	35.3	45.1	97		-	-
28	-		-	63	-	-	-	98	97 2/16	51.7	65.2
29	28 4/16	16.1	20.9	64	63 6/16	35.9	45.8	99	98 9/16	52.6	66.4
30	29 10/16	17.3	22.4	65	64 13/16	36.9	47.0	100	99 15/16	53.0	66.7
31	-	-	-	66		-	-	101		-	-
32	31 1/16	17.9	23.2	67	66 3/16	37.4	47.6	102	101 6/16	53.5	66.9
33	32 7/16	19.1	24.7	68	67 10/16	38.4	48.7	103	102 12/16	54.4	67.4
34	33 14/16	19.7	25.4	69	-	-	-	104	-	-	-
35	-	-	-	70	69	38.9	49.3	105	104 3/16	54.8	67.6
36	35 4/16	20.3	26.2	71	70 7/16	39.4	49.9	106	105 9/16	55.7	68.1
37	36 11/16	21.6	27.7	72	71 13/16	40.4	51.1	107	107	56.1	68.4
38	-		-	73	-	-	-	108	-	-	
39	38 1/16	22.2	28.4	74	73 4/16	40.9	51.7	109	108 6/16	56.5	68.6
40	39 8/16	23.3	29.9	75	74 10/16	41.9	52.9	110	109 13/16	57.4	69.1
41	40 14/16	23.9	30.5	76	_	-	-	111	-	-	
42	_	-	-	77	76 1/16	42.4	53.5	112	111 3/16	57.9	69.3
43	42 5/16	24.4	31.2	78	77 7/16	43.2	54.5	113	112 10/16	58.8	70.1
44	43 11/16	25.5	32.6	79	78 14/16	43.7	55.0	114	-	_	_
45	-	-	-	80	-	-	-	115	114	59.3	70.5
46	45 2/16	26.0	33.3	81	80 4/16	44.1	55.5	116	115 7/16	59.7	70.9

High Color Quality (60X2)



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 Length	Actual Length			atts		Nominal Length	Actual Length			atts		Nominal Length	Actual Length			atts	
(in)	-	LO	SO	MO	но	(in)		LO	SO	MO	НО	(in)	-	LO	SO	MO	НО
12	10 13/16	1.7	2.5	3.5	5.7	47	46 4/16	6.7	10.2	12.6	23.9	82	81 11/16	12.2	19.4	23.3	41.4
13	12 12/16	1.7	2.5	3.5	5.7	48	-	-	-	-	-	83	-	-	-	-	-
14	-	-	-	-	-	49	48 3/16	6.9	10.7	13.3	24.7	84	83 10/16	12.5	19.9	23.9	42.2
15	14 12/16	1.7	2.5	3.5	5.7	50	-	-	-	-	-	85	-	-	-	-	-
16	-	-	-	-	-	51	50 3/16	7.1	11.2	13.9	25.4	86	85 10/16	12.8	20.3	24.5	43.1
17	16 11/16	2.0	3.0	4.0	7.2	52	-	-	-	-	-	87	-	-	-	-	-
18	-	-	-	-	-	53	52 2/16	7.4	11.7	14.5	26.3	88	87 9/16	13.1	20.8	25.1	44.1
19	18 11/16	2.4	3.5	4.6	8.7	54	-	-	-	-	-	89	-	-	-	-	-
20	-	-	-	-	-	55	54 2/16	7.7	12.3	15.1	27.4	90	89 9/16	13.4	21.3	25.7	45.0
21	20 10/16	2.7	3.9	5.2	10.2	56	-	-	-	-	-	91	-	-	-	-	-
22	-	-	-	-	-	57	56 1/16	8.0	12.9	15.7	28.5	92	91 8/16	13.7	21.7	26.3	46.0
23	22 10/16	3.0	4.4	5.8	11.7	58	-	-	-	-	-	93	-	-	-	-	-
24	-	-	-	-	-	59	58 1/16	8.4	13.5	16.4	29.5	94	93 8/16	14.0	22.1	26.9	47.0
25	24 9/16	3.4	4.9	6.4	13.2	60	-	-	-	-	-	95	-	-	-	-	-
26	-	-	-	-	-	61	60	8.7	14.0	17.0	30.6	96	95 7/16	14.3	22.6	27.5	47.9
27	26 9/16	3.7	5.4	7.0	14.7	62	62	9.0	14.6	17.6	31.6	97		-	-	-	-
28	-	-	-	-	-	63	-	-	-	-	-	98	97 7/16	14.4	22.8	27.8	48.4
29	28 8/16	4.1	5.9	7.5	15.8	64	63 15/16	9.4	15.2	18.2	32.6	99	-	-	-	-	-
30	-	-	-	-	-	65	-	-	-	-	-	100	99 6/16	14.7	23.3	28.5	49.4
31	30 8/16	4.4	6.4	8.1	16.8	66	65 15/16	9.7	15.6	18.7	33.7	101	-	-	-	-	_
32	-	-	-	-	-	67	-		-	-	-	102	101 6/16	15.0	23.7	29.0	50.4
33	32 7/16	4.8	6.9	8.7	17.9	68	67 14/16	10.0	16.1	19.2	34.7	103		-		-	-
34	-	-	-	-	-	69	-	-	-	-	_	104	103 5/16	15.3	24.1	29.6	51.3
35	34 7/16	5.0	7.2	9.0	18.5	70	69 14/16	10.4	16.5	19.8	35.7	105				-	-
36	-	-	-	-	-	71	-	-	-	-	_	106	105 5/16	15.6	24.6	30.2	52.3
37	36 6/16	5.4	7.7	9.6	19.5	72	71 13/16	10.7	17.0	20.3	36.7	107		-	-	-	_
38	-	-	-	-	-	73		-	-	-	_	108	107 4/16	15.8	25.0	30.7	53.2
39	38 6/16	5.7	8.2	10.2	20.6	74	73 13/16	11.0	17.4	20.8	37.7	109		-	-	-	_
40	-	-	-	-	-	75	-	-	-	-	_	110	109 4/16	16.1	25.5	31.3	54.2
41	40 5/16	6.0	8.7	10.8	21.5	76	75 12/16	11.3	17.9	21.4	38.7	111	_	-	-	-	-
42	-	_	-	-	_	77	-	-	-	_	_	112	111 3/16	16.4	25.9	31.9	55.2
43	42 5/16	6.2	9.2	11.4	22.3	78	77 12/16	11.6	18.4	22.0	39.6	113	-	_	_	-	-
44	-		-	-		79	-	_	_	_	_	114	113 3/16	16.7	26.4	32.5	56.1
45	44 4/16	6.4	9.7	12.0	23.1	80	79 11/16	11.9	18.9	22.7	40.5	115	-	-	_	-	_
46	-	_	-	-	_	81		_	_	_	_	116	115 2/16	17.0	26.8	33.1	57.0
		I.	1	1	I.			I	I	I	I			I	I	I.	I



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.

				н	gh Efficacy	(HEO 4)					
Nominal	Actual	W	atts	Nominal	Actual	w	atts	Nominal	Actual	w	atts
Length (in)	Length	VHO	ХНО	Length (in)	Length	VHO	хно	Length (in)	Length	VHO	хно
12	10 8/16	7.6	9.7	47	46 13/16	27.6	35.1	82	81 11/16	49.8	62.2
13	12	7.6	9.7	48	-	-	-	83	-	-	_
14	13 8/16	7.6	9.7	49	48 6/16	28.2	35.9	84	83 3/16	50.4	62.6
15	-	-	-	50	49 14/16	29.5	37.6	85	84 11/16	51.7	63.4
16	15 1/16	7.6	9.7	51	-	-	-	86	-	-	-
17	16 9/16	8.9	11.3	52	51 6/16	30.1	38.4	87	86 3/16	52.3	63.8
18	-	-	-	53	52 14/16	31.4	40.2	88	87 12/16	53.6	64.7
19	18 1/16	9.5	12.1	54	-	-	-	89	-	-	-
20	19 9/16	10.7	13.6	55	54 7/16	32.0	41.1	90	89 4/16	54.2	65.3
21	-	-	-	56	55 15/16	33.3	42.9	91	90 12/16	55.5	66.3
22	21 2/16	11.4	14.4	57	-	-	-	92	-	-	_
23	22 10/16	12.6	16.0	58	57 7/16	34.0	43.8	93	92 4/16	56.2	66.8
24	-	_	_	59	58 15/16	35.2	45.5	94	93 12/16	57.5	67.9
25	24 2/16	13.2	16.8	60	-	-	-	95	-	-	-
26	25 10/16	14.5	18.3	61	60 7/16	36.5	47.3	96	95 5/16	58.2	68.4
27	-	-	-	62	62	37.2	48.2	97	96 13/16	59.5	69.5
28	27 2/16	15.1	19.1	63	-	-	-	98	-	-	-
29	28 11/16	16.4	20.7	64	63 8/16	38.4	50.0	99	98 5/16	60.1	70.0
30	-	-		65	-	-	-	100	99 13/16	61.4	71.1
31	30 3/16	17.0	21.4	66	65	39.1	50.8	101	-	-	-
32	31 11/16	18.2	23.0	67	66 8/16	40.4	52.5	102	101 6/16	62.0	71.7
33	-	-	-	68	-	-	-	103	102 14/16	63.2	72.9
34	33 3/16	18.9	23.8	69	68 1/16	41.0	53.4	104	-	-	
35	34 12/16	20.1	25.3	70	69 9/16	42.3	55.1	105	104 6/16	63.8	73.5
36	-	-	-	71	-	-	-	106	105 14/16	65.0	74.7
37	36 4/16	20.7	26.1	72	71 1/16	42.9	55.9	107	-	-	
38	37 12/16	22.0	27.6	73	72 9/16	44.2	57.6	108	107 7/16	65.6	75.3
39	-	-	-	74	-	-	-	109	108 15/16	66.8	76.5
40	39 4/16	22.6	28.4	75	74 2/16	44.9	58.5	110	-	-	
41	40 13/16	23.9	30.1	76	75 10/16	46.1	59.7	111	110 7/16	67.4	77.1
42	-	-	-	77	-	-	-	112	111 15/16	68.5	78.0
43	42 5/16	24.5	30.9	78	77 2/16	46.7	60.1	113	-	-	_
44	43 13/16	25.7	32.6	79	78 10/16	48.0	60.9	114	113 7/16	69.6	78.7
45	-	-	-	80	-	-	-	115	115	70.1	79.0
46	45 5/16	26.4	33.4	81	80 2/16	48.6	61.3	116	-	-	_
		1	1								

High Efficacy (HE64)



Voltage Drop Calculator

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

Wattage		Maxi	mum Wire Lengt	h From Power Su	pply to Start of R	un [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



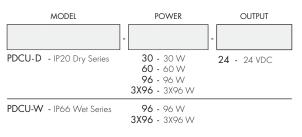
Power Supplies

the Resources page.

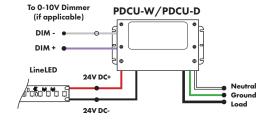
See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

Universal Power Supply 1% 120VAC - 277VAC

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

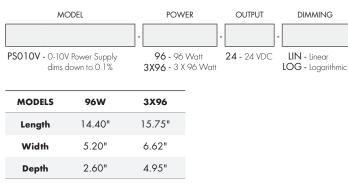


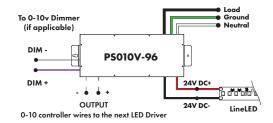
For a complete list of compatible dimmers, see <u>Compatible Dimming Chart</u> on

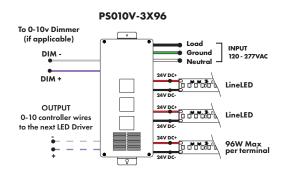


MODELS	PDCU-W 96W	PDCU-W 3X96W	PDCU-D 30W	PDCU-D 60W	PDCU-D 96W	PDCU-D 3X96W
Length	8.66"	11.85"	6.10"	7.93"	8.25"	9.57"
Width	3.73"	4.32"	3.35"	3.35"	4.10"	5.94"
Depth	1.61"	1.81"	1.33	1.32"	1.56"	1.13"

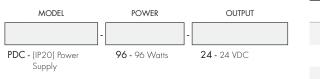
0-10V Dimming Power Supplies 0.1% 120VAC - 277VAC



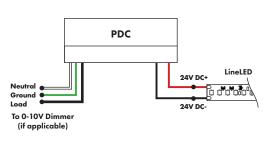




Triac, MLV, & ELV Compatible Dimmers



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



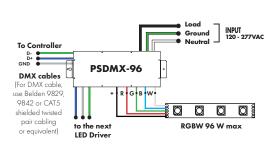


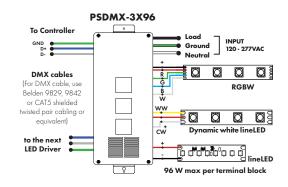
Power Supplies

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.

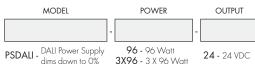
DMX Dimming Power Supplies 120VAC - 277VAC		MODELS	96W	3X96		
MODEL	POWER	OUTPUT		Length	14.40"	15.75"
-		-		Width	5.20"	6.62"
PSDMX - DMX Power Supply dims down to 0%	96 - 96 Watt 3X96 - 3 X 96 Watt	24 - 24 VDC		Depth	2.60"	4.95"
dims down to 0% 3X96 - 3 X 96 Wat						

Features eldoLED's LINEARdrive configurable dimmable drivers



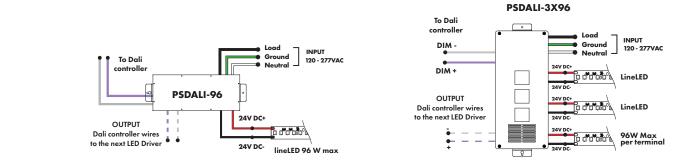


DALI 0% Dimming Power Supplies 120VAC - 277VAC

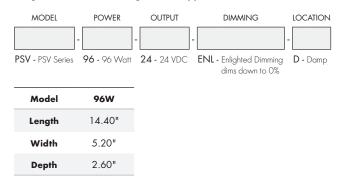


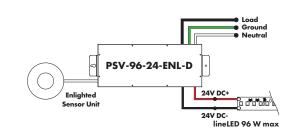
Features eldoLED's LINEARdrive configurable dimmable drivers

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

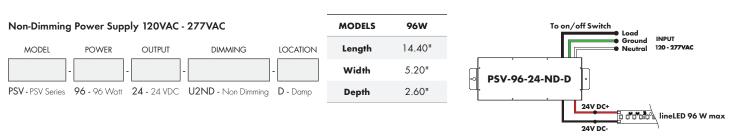






Power Supplies

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.



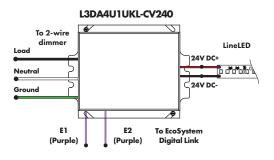
LUTRON®

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 for	ward phase only)				
MODELS	LTEA41 UKL-CV240	L3DA4U1UKL-CV240			
Length	4.89"	4.98"			
Width	4.00"	4.00"			
Depth	2.62"	2.62"			





E1

(Purple)

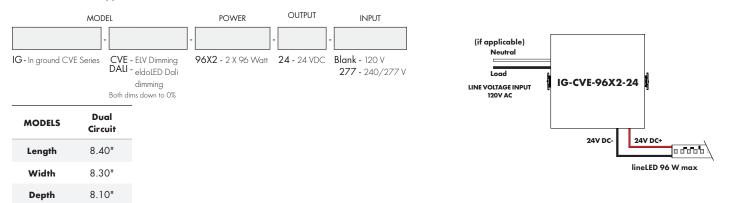
LUTRON®

Luminii is a Lutron OEM Advantage Partner

Lutron Power Supplies 0.1%

			E2		
MODEL	MODELS	L3D0	(Purple)	•	•
L3D0-96W24V-U	Length	10.50"	To EcoSystem Digital Link	L3D0-96W24	V-U
Hi-lume™ 0.1% EcoSystem Voltage LED Driver with Soft-On, Fade+o-Black™ 96W max	Width	5.50"		•	ŢĽ
YOFF INDA	Depth	2 00"			

In-Ground Power Supplies



Neutral Ground

24V DC+

24V DC-

LineLED

0000