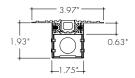




Features

- Recesses into 5/8" drywall
- Seamless lens up to 100' long
- Factory built precision Inside and Outside
- Painted Eggshell RAL 9010 with primer to accept field painting
- 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 390 lm/ft and up to 55 lm/W
- Average Life (L70): 50,000hrs
- 7 year warranty





Technical Information

TYPE	н	High Color Quality			High Efficacy				
OUTPUT OPTIONS	7250	72HO	72VHO	HE48LO	HE48SO	HE48MO	HE48HO	HE64VHO	
Lumens Output (3000K) (with a Frosted Lens)	107 lm/ft	174 lm/ft	211 lm/ft	104 lm/ft	144 lm/ft	193 lm/ft	309 lm/ft	391 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	38 lm/W	36 lm/W	35 lm/W	55 lm/W	51 lm/W	55 lm/W	48 lm/W	52 lm/W	
Max Run Length (in series)	40 ft	31 ft	22 ft	48 ft	42 ft	33 ft	21 ft	15 ft	
*Ambient Operating Temperature Range		-5°F - 125°F (-20°C - 50°C)				125°F - 50°C)		-5°F - 125°F (-20°C - 50°C)	

^{*}Ambient Operating Temperature Range to maintain 170 of 50k+ hours in normal mounting conditions for the fixture. Exceeding Max Ambient Temperature may result in decreased life/output. Consult Technical Support for specific inquiries

	High Color Quality (72)										
CCT	Multiplier	TM-30									
ССТ	(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						
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)
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	Multiplier		TM-30				
ССТ	(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		
3000К	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 ²	ССТ	LENS	MOUNTING	LEFT END CAP	RIGHT END CAP	POWER FEED LEFT END ^{3,4}	POWER FEED RIGHT END ^{3,4}
-	-	•	-	-		-	-		
SL-Slot	12"-92"	72SO - Standard	19K - 1900K 22K - 2200K 24K - 2400K	F - Frosted Silicone Lens	GDS - Gypsum Drywall Surface	LE-Endcap Left End	RE-Endcap Right End RN-No Endcap Right End	LPB - Left Power Feed, Plenum rated 72" wires LJB - Left Power Feed, Junction Box	RNPF-No Power Feed Right
	12"-92" 1" increments	72HO-High 72VHO-Very High	27K - 2700K 30K - 3000K 35K - 3500K 41K - 4100K			LE-Endcap Left End LN-No Endcap Left End	RE-Endcap Right End	LNPF - No Power Feed Left	RPB - Right Power Feed, Plenum rated 72" wires RJB - Right Power Feed, Junction Box
	12″–92″	HE48LO-Low HE48SO-Standard	22K - 2200K 25K - 2500K 27K - 2700K			LN-No Endcap Left End	RN-No Endcap Right End	LPB - Left Power Feed, Plenum rated 72" wires LJB - Left Power Feed, Junction Box	RNPF-No Power Feed Right
	2" increments	HE48MO - Medium HE48HO - High HE64VHO - Very High	30K - 3000K 35K - 3500K 40K - 4000K			LN-No Endcap Left End	RN-No Endcap Right End	LNPF - No Power Feed Left	RPB-Right Power Feed, Plenum rated 72" wires RJB-Right Power Feed, Junction Box

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

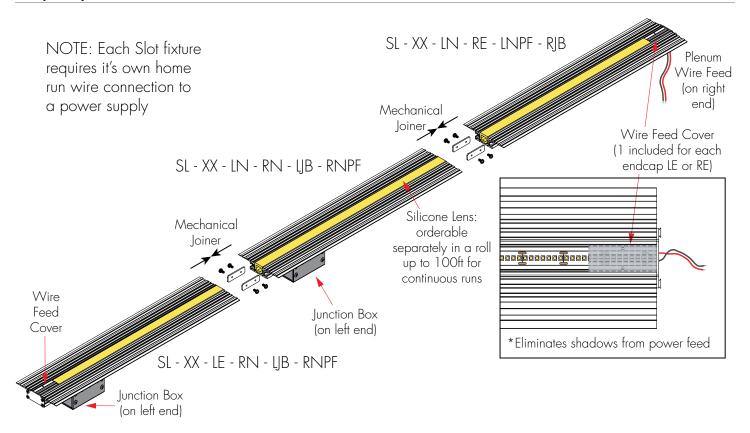
^{3 -} Wire leads are plenum rated and 72" long. Junction Box comes with 24" non-plenum rated wire.
4 - NOTE: Each Slot fixture/section requires it's own home run to a power supply. They cannot be electrically connected together



Powerfeed options for Straight Fixtures

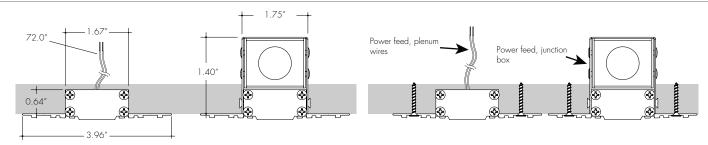
SL-XX-LE-RE-LIPB-RNPF Wire leads, plenum rated Cl3R cable on Straight Fixture 16.0" Actual Length SL-XX-LE-RE-LIB-RNPF One integrated junction box centered on Straight fixture 16.0" Actual Length

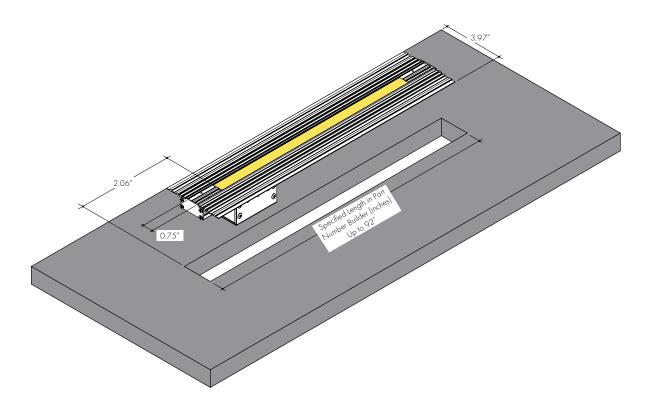
Sample Layout

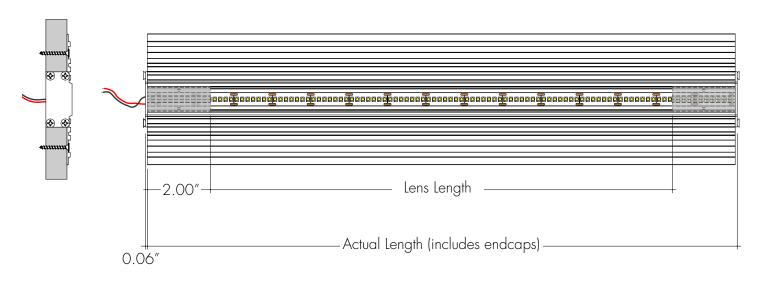




Product Dimensions



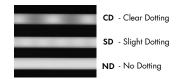






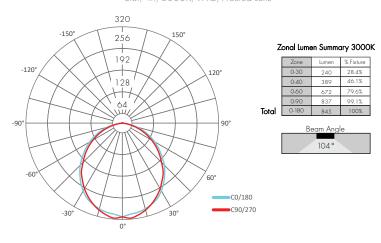
Light Transmission and Dotting

		Lens/Ac	cessory	
Output Options		Fro	sted	
Dimming Level	100%	50%	10%	1%
72SO	ND	ND	ND	ND
72HO	ND	ND	ND	ND
72VHO	ND	ND	ND	ND
HE48LO	ND	ND	SD	SD
HE48SO	ND	ND	SD	SD
HE48MO	ND	ND	SD	SD
HE48HO	ND	ND	SD	SD
HE64VHO	ND	ND	ND	ND
Transmission Percentage		10	0%	



Photometry

<u>SL-48-72VHO-30K-F</u> Slot, 4ft, 3000K, VHO, Frosted Lens





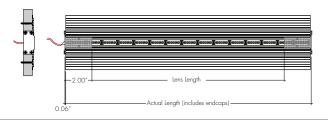
Power Consumption

Tested at Full Power with PS-UNI Series power supplies.

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

High Color Quality (72)

			Watts					Watts	,	ļ			Watts	
Nominal Length	Actual Length				Nominal Length	Actual Length				Nominal Length	Actual Length			
(in)		SO	НО	VHO	(in)	- 0	SO	НО	VHO	(in)		SO	НО	VHO
12	10 14/16	2.7	4.4	6.2	47	46 13/16	10.0	16.7	22.1	82	81 9/16	17.9	28.9	37.6
13	12 1/16	2.7	4.4	6.2	48	47 15/16	10.2	17.1	22.6	83	82 11/16	18.1	29.2	38.0
14	13 4/16	2.7	4.4	6.2	49	-	-	-	_	84	83 14/16	18.3	29.5	38.4
15	14 6/16	2.7	4.4	6.2	50	49 2/16	10.5	17.4	23.1	85	-	-	-	_
16	15 9/16	2.9	4.8	6.7	51	50 4/16	10.7	17.8	23.5	86	85	18.5	29.8	38.8
17	16 11/16	3.1	5.2	7.3	52	51 7/16	11.1	18.6	24.4	87	86 3/16	18.7	30.1	39.2
18	17 14/16	3.4	5.6	7.8	53	52 9/16	11.4	18.9	24.9	88	87 5/16	19.2	30.8	40.0
19	-	-	-	-	54	53 12/16	11.6	19.3	25.3	89	88 8/16	19.4	31.1	40.4
20	19	3.6	6.0	8.3	55	54 15/16	11.9	19.7	25.7	90	89 10/16	19.6	31.5	40.8
21	20 3/16	3.9	6.5	8.9	56	-	-	-	-	91	90 13/16	19.9	31.8	41.1
22	21 5/16	4.4	7.3	9.9	57	56 1/16	12.1	20.1	26.1	92	91 15/16	20.1	32.2	41.5
23	22 8/16	4.6	7.7	10.5	58	57 4/16	12.3	20.5	26.6	93	-	_	_	_
24	23 10/16	4.8	8.1	11.0	59	58 6/16	12.8	21.3	27.4	94	93 2/16	20.4	32.5	41.9
25	24 13/16	5.1	8.6	11.5	60	59 9/16	13.1	21.6	27.8	95	94 4/16	20.6	32.9	42.3
26	25 15/16	5.3	9.0	12.1	61	60 11/16	13.3	22.0	28.3	96	95 7/16	21.1	33.6	43.1
27		-	-	-	62	61 14/16	13.6	22.4	28.7			1		1
28	27 2/16	5.6	9.4	12.6	63	_	-	-	_	-				
29	28 4/16	5.8	9.8	13.1	64	63	13.8	22.8	29.1					
30	29 7/16	6.2	10.5	14.1	65	64 3/16	14.0	23.1	29.6	-				
31	30 9/16	6.5	10.9	14.5	66	65 5/16	14.5	23.8	30.5	-				
32	31 12/16	6.7	11.2	15.0	67	66 8/16	14.7	24.1	31.0					
33	32 15/16	6.9	11.6	15.5	68	67 10/16	14.9	24.4	31.4	-				
34	_	_	_	_	69	68 13/16	15.1	24.7	31.9	-				
35	34 1/16	7.1	12.0	16.0	70	69 15/16	15.3	25.0	32.4	-				
36	35 4/16	7.3	12.3	16.5	71	_	_	-	_	-				
37	36 6/16	7.8	13.1	17.4	72	71 2/16	15.5	25.4	32.8					
38	37 9/16	8.0	13.4	17.9	73	72 4/16	15.8	25.7	33.3	-				
39	38 11/16	8.2	13.8	18.4	74	73 7/16	16.2	26.3	34.2					
40	39 14/16	8.4	14.2	18.9	75	74 9/16	16.4	26.6	34.7	-				
41	_	_	_	_	76	<i>7</i> 5 12/16	16.6	26.9	35.1	-				
42	41	8.7	14.5	19.3	77	76 15/16	16.8	27.3	35.5	-				
43	42 3/16	8.9	14.9	19.8	78	_	_	_	_	-				
44	43 5/16	9.3	15.6	20.7	79	78 1/16	17.1	27.6		-				
45	44 8/16	9.6	16.0	21.2	80	79 4/16	17.3	27.9	36.3	-				
46	45 10/16	9.8	16.4	21.7	81	80 6/16	17.7	28.5		-				
			I	I			I		I					





Watts

19.4 23.3 41.4

19.9 23.9 42.2

20.3 24.5 43.1

20.8 25.1

21.3 25.7

14.3 22.6 27.5 47.9

21.7 26.3 46.0

26.9 47.0

LO SO MO

12.2

12.5

12.8

13.1

13.4

13.7

14.0 22.1

9/16

8/16

8/16

7/16

7/16

6/16

НО

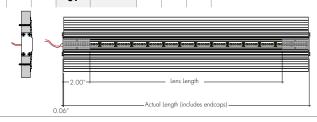
44.1

Power Consumption

Tested at Full Power with PS-UNI Series power supplies.
Standard Nominal Lengths offered provide minimal shadowing. For alternate lengths, please consult Inside Sales specific request.

High Efficacy (HE48)

							ingii Lii	icucy	(1124	Ο,			
Nominal Length	Actual		W	atts		Nominal Length	Actual		W	atts		Nominal Length	Ac
(in)	Length	lO	SO	МО	НО	(in)	Length	LO	SO	МО	НО	(in)	Ler
12	10 11/16	1.7	2.5	3.5	5.7	47	46 2/16	6.7	10.2	12.6	23.9	82	81
13	12 10/16	1.7	2.5	3.5	5.7	48	-	_	_	_	_	83	
14	-	_	_	_	_	49	48 1/16	6.9	10.7	13.3	24.7	84	83
15	14 10/16	1.7	2.5	3.5	5.7	50	_	-	-	-	-	85	
16	-	-	-	-	-	51	50 1/16	7.1	11.2	13.9	25.4	86	85
17	16 9/16	2.0	3.0	4.0	7.2	52	_	_	-	-	_	87	
18	-	-	-	-	-	53	52	7.4	11.7	14.5	26.3	88	87
19	18 9/16	2.4	3.5	4.6	8.7	54	54	7.7	12.3	15.1	27.4	89	
20	_	-	_	-	-	55	_	_	-	-	_	90	89
21	20 8/16	2.7	3.9	5.2	10.2	56	55 15/16	8.0	12.9	15.7	28.5	91	
22	_	-	-	-	-	57	_	-	-	-	_	92	91
23	22 8/16	3.0	4.4	5.8	11.7	58	57 15/16	8.4	13.5	16.4	29.5	93	
24	-	-	_	-	-	59	_	-	_	-	-	94	93
25	24 7/16	3.4	4.9	6.4	13.2	60	59 14/16	8.7	14.0	17.0	30.6	95	
26	-	-	_	-	-	61	_	-	_	_	-	96	95
27	26 7/16	3.7	5.4	7.0	14.7	62	61 14/16	9.0	14.6	17.6	31.6		
28	-	-	_	-	-	63	_	-	_	_	-	_	
29	28 6/16	4.1	5.9	7.5	15.8	64	63 13/16	9.4	15.2	18.2	32.6		
30	_	_	_	_	_	65	_	_	_	_	_		
31	30 6/16	4.4	6.4	8.1	16.8	66	65 13/16	9.7	15.6	18. <i>7</i>	33.7	_	
32	_	-	_	_	-	67	_	-	_	_	_	_	
33	32 5/16	4.8	6.9	8.7	17.9	68	67 12/16	10.0	16.1	19.2	34.7	_	
34	_	_	_	_	_	69	_	_	_	_	_	_	
35	34 5/16	5.0	7.2	9.0	18.5	70	69 12/16	10.4	16.5	19.8	35.7	_	
36	_	_	_	_	_	71	_	_	_	-	_	_	
37	36 4/16	5.4	7.7	9.6	19.5	72	71 11/16	10.7	17.0	20.3	36.7	_	
38	_	_	_	_	-	73	_	_	_	-	_	_	
39	38 4/16	5.7	8.2	10.2	20.6	74	73 11/16	11.0	17.4	20.8	37.7	_	
40	_	_	_	_	_	75	_	_	_	_	_	_	
41	40 3/16	6.0	8.7	10.8	21.5	76	75 10/16	11.3	17.9	21.4	38.7	_	
42	_	_	_	_	_	77	_	_	_	_	_	_	
43	42 3/16	6.2	9.2	11.4	22.3	78	<i>77</i> 10/16	11.6	18.4	22.0	39.6	_	
44	_	_	-	-	_	79	_	_	-	-	_	_	
45	44 2/16	6.4	9.7	12.0	23.1	80	79 9/16	11.9	18.9	22.7	40.5	_	
		1			1								





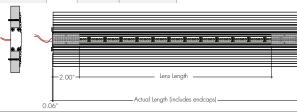
Power Consumption

Tested at Full Power with PS-UNI Series power supplies.

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

High Efficacy (HE64)

			ıngıı	Emicacy (ne	O -1)			
Nominal	Actual	Watts	Nominal	Actual	Watts	Nominal	Actual	Watts
Length (in)	Length	VHO	Length (in)	Length	VHO	Length (in)	Length	VHO
12	11 14/16	7.6	47	46 11/16	27.6	82	81 9/16	49.8
13	-	_	48	_	_	83	-	_
14	13 6/16	7.6	49	48 4/16	28.2	84	83 1/16	50.4
15	14 15/16	7.6	50	49 12/16	29.5	85	84 9/16	51.7
16	-	_	51	-	_	86	-	_
17	16 7/16	8.9	52	51 4/16	30.1	87	86 1/16	52.3
18	17 15/16	9.5	53	52 12/16	31.4	88	87 10/16	53.6
19	-	_	54	-	_	89	-	_
20	19 7/16	10.7	55	54 5/16	32.0	90	89 2/16	54.2
21	21	11.4	56	55 13/16	33.3	91	90 10/16	55.5
22	_	_	57	_	_	92	-	_
23	22 8/16	12.6	58	57 5/16	34.0	93	92 2/16	56.2
24	24	13.2	59	58 13/16	35.2	94	93 10/16	57.5
25	-	_	60	-	_	95	-	_
26	25 8/16	14.5	61	60 5/16	36.5	96	95 3/16	58.2
27	_	_	62	61 14/16	37.2			
28	27	15.1	63	-	_			
29	28 9/16	16.4	64	63 6/16	38.4			
30	_	-	65	64 14/16	39.1			
31	30 1/16	17.0	66	-	_			
32	31 9/16	18.2	67	66 6/16	40.4			
33	-	_	68	67 15/16	41.0			
34	33 1/16	18.9	69	_	_			
35	34 10/16	20.1	70	69 7/16	42.3			
36	_	-	71	70 15/16	42.9			
37	36 2/16	20.7	72	-	_			
38	37 10/16	22.0	73	72 7/16	44.2			
39	_	_	74	74	44.9			
40	39 2/16	22.6	75	-	_			
41	40 10/16	23.9	76	75 8/16	46.1			
42	-	-	77	77	46.7			
43	42 3/16	24.5	78	_	_			
44	43 11/16	25.7	79	78 8/16	48.0			
45	-	-	80	-	-			
46	45 3/16	26.4	81	80	48.6			



Linear Illumination System



Voltage Drop Calculator

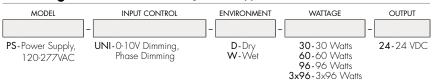
The below chart assumes nominal voltage of 24 Volts and a Voltage Drop Allowance of 3% through the wire

Wattage			Wire Length From	m 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



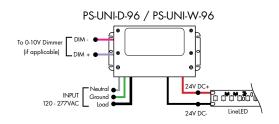
See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

Ordering Code Universal Dimming Power Supplies 1% 120VAC - 277VAC



Compatibility: View a complete list of compatible dimmers on product

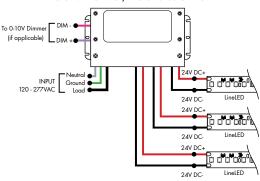
0-10V - 1% dimming MLV/ELV/TRIAC - 1% dimming, consult dimming compatibility chart



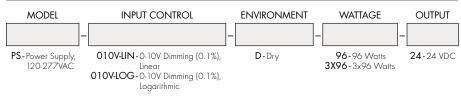
MODELS	PS-UNI-W-30W	PS-UNI-W-60W	PS-UNI-W-96W	PS-UNI-W-3X96W
Length	6.50"	7.40"	8.66"	11.85"
Width	3.73"	3.73"	3.73"	4.32"
Depth	1.61"	1.61"	1.61"	1.81"

MODELS	PS-UNI-D-30W	PS-UNI-D-60W	PS-UNI-D-96W	PS-UNI-D-3X96W
Length	8.77"	8.77"	8.11"	9.94"
Width	4.27"	4.27"	5.60"	7.61"
Depth	1.83"	1.83"	1.83"	2.02"

PS-UNI-D-3X96 / PS-UNI-W-3X96

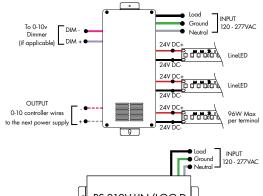


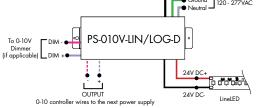
Ordering Code 0-10V Dimming Power Supplies 0.1% 120VAC - 277VAC



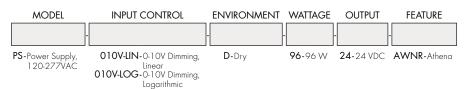
MODELS	96W	3X96
Length	14.40"	15.00"
Width	5.20"	6.62"
Depth	2.60"	4.45"

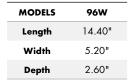
PS-010V-LIN/LOG-D-3X96

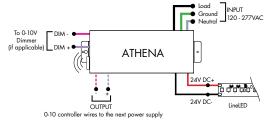




Athena 0-10V LED Driver



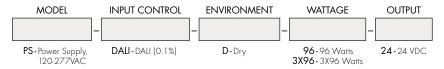






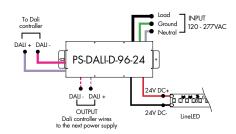
See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

Ordering Code DALI1 Dimming Power Supplies 0.1% 120VAC - 277VAC



Model	96W	3X96
Length	14.40"	15.00"
Width	5.20"	6.62"
Depth	2.60"	4.56"

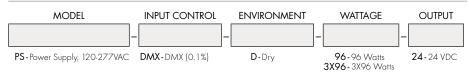
PS-DALI-D-3X96-24 Load INPUT Ground 120 · 277VAC Neutral 120 · 277VAC 24V DC+ LineLED 24V DC+ LineLED



OUTPUT
Dali controller wires

Requires Zonal Control

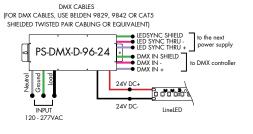
Ordering Code DMX Dimming Power Supplies 0.1% 120VAC - 277VAC



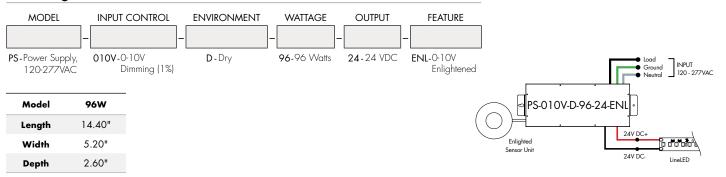
*Zonal control power supplies. Control multiple tapes/zones using DMX channels.

MODELS	96W	3X96
Length	14.40"	15.00"
Width	5.20"	6.62"
Depth	2.60"	4.56"

PS-DMX-D-3X96-24 To Controller DMX + DMX - shield Ground Ground Ground Ground 120 - 277VAC Neutral 120 - 277VAC DMX CABLES (FOR DMX CABLES, USE BEIDEN 9829, 9842 OR CATS SHIELDED TWISTED PAIR CABUNG OR EQUIVALENT) to the next power supply DMX - Shield QMX - Shie



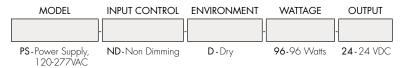
Ordering Code Enlighted Enabled Dimming Power Supplies 1% 120VAC - 277VAC

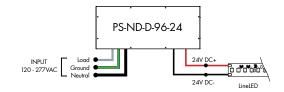




See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

Ordering Code Non-Dimming Power Supply 120VAC - 277VAC

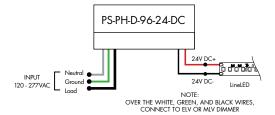




MODELS	96W
Length	14.40"
Width	5.20"
Depth	2.60"

Ordering Code Phase Dimming Power Supply 1% 120VAC - 277VAC

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT	OUTPUT CONTROL
-		-			
PS-Power Supply, 120-277VAC	PH-Phase Dimming (Triac, ELV, MLV)	D -Dry	96 -96 Watts	24 -24 VDC	DC-Direct Current

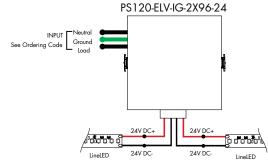


MLV/ELV/TRIAC - 1% dimming, consult dimming compatibility chart (Link)

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

Ordering Code In-Ground Power Supplies





MODELS	2X96W
Length	8.40"
Width	8.30"
Depth	8.10"



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.

\$\text{LUTRON}

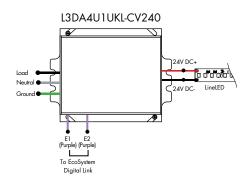
Luminii is a Lutron OEM Advantage Partner **Lutron Power Supplies 1%**

MODEL

L3DA4U1UKL-CV240

 $\operatorname{Hi-lume^{TM}}$ 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

 $Hi\text{-lume}^{TM}$ 0.1% EcoSystem Voltage LED Driver with Soft-On, Fade-to-Black TM 96W max

MODELS	L3D0
Length	10.50"
Width	5.50"
Depth	2.00"

