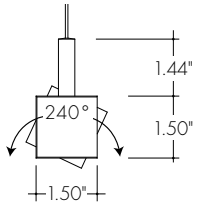
Features

- Extruded aluminum linear suspension fixture utilizing double rows of LEDs with Power Over Aircraft cable.
- Includes 8' silver adjustable cable and two white finish canopies
- Requires two junction boxes for split output connection
- 24VDC Class 2 fixtures made to order up to 120"
- Class 2 listed
- Dot free even illumination with frosted lens
- Vibrant Color options offer premium color quality with R9 values up to 98.
- High Efficacy options offer best in class output and efficacy with over 1710 lm/ft and up to 121 lm/W
- Proprietary strong bond solder method handles up to 50 lbs of pull force on wire leads and connectors
- Average Life (L70): 50,000hrs
- 7 year warranty



Finish Options (see page 2 for additional information)

Base	Silver Anodized		
Powder Coat	Black	Bronze	White
Premium	Matte Black	Warm Nickel	Aged Brass
	Polished Gold	Chrome	

Technical Information

TYPE	Vibrant Color VC72					
OUTPUT OPTIONS	**2x VC72VLO**	**2x VC72LO**	**2x VC72SO**	**2x VC72MO**	**2x VC72HO**	**2x VC72VHO**
Lumens Output (3000K) (with a Frosted Lens)	193 lm/ft	491 lm/ft	654 lm/ft	864 lm/ft	1045 lm/ft	1392 lm/ft
Average Power Consumption (for a 4' section)	2.2 W/ft	5.6 W/ft	7.4 W/ft	9.8 W/ft	11.8 W/ft	15.8 W/ft
Efficacy	88 lm/W	88 lm/W	88 lm/W	88 lm/W	89 lm/W	88 lm/W
Max Run Length (individual fixture)	10 ft	10 ft	10 ft	10 ft	10 ft	9 ft
Ambient Operating Temperature Range*	-4°F – 122°F (-20°C – 50°C)					-4°F – 104°F (-20°C – 40°C)

*Ambient Operating Temperature Range to maintain L70 of 50k+ hours in normal mounting conditions for the fixture. Exceeding Ambient Operating Temperature Range may result in decreased life/output. Consult Technical Support for specific inquiries.

Vibrant Color (VC72)

CCT	Multiplier (ref. - 30K)	TM-30 CRI	TM-30 R_f	TM-30 R_g	TM-30 R_9
1800K	0.50	95	94	99	86
2200K	0.66	96	94	101	95
2400K	0.90	98	96	101	91
2700K	0.93	98	96	102	93
3000K	1.00	97	94	104	99
3500K	1.04	96	94	105	97
4100K	1.05	97	95	104	96

TYPE	High Efficacy HE64					
OUTPUT OPTIONS	**2x HE64VLO**	**2x HE64LO**	**2x HE64SO**	**2x HE64MO**	**2x HE64HO**	**2x HE64VHO**
Lumens Output (3000K) (with a Frosted Lens)	214 lm/ft	461 lm/ft	661 lm/ft	879 lm/ft	1249 lm/ft	1713 lm/ft
Average Power Consumption (for a 4' section)	2 W/ ft	3.8 W/ ft	5.8 W/ ft	7.6 W/ ft	11.2 W/ ft	14.2 W/ ft
Efficacy	107 lm/W	121 lm/W	114 lm/W	116 lm/W	112 lm/W	121 lm/W
Max Run Length (individual fixture)	10 ft	10 ft	10 ft	10 ft	8.5 ft	6.5 ft
Ambient Operating Temperature Range*	-4°F – 122°F (-20°C – 50°C)					

*Ambient Operating Temperature Range to maintain L70 of 50k+ hours in normal mounting conditions for the fixture. Exceeding Ambient Operating Temperature Range may result in decreased life/output. Consult Technical Support for specific inquiries.

High Efficacy (HE64)

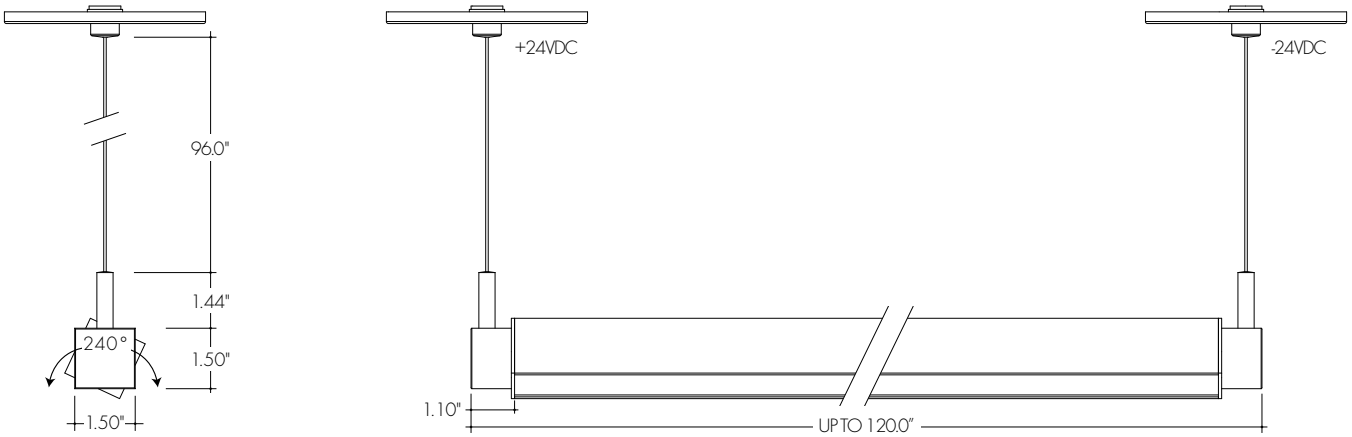
CCT	Multiplier (ref. - 30K)	TM-30 CRI	TM-30 R_f	TM-30 R_g	TM-30 R_9
2200K	0.74	94	91	96	65
2400K	0.87	94	92	97	56
2700K	0.97	94	92	100	57
3000K	1.00	93	91	99	54
3500K	1.01	95	91	99	62
4000K	1.04	95	91	99	68

Ordering Code

MODEL	LENGTH[1]	OUTPUT[2]	CCT	LENS	ENDCAP	LIGHT DIRECTION	FINISH[3,4]
KILOS - Kilo S Power Over Aircraft	12"–120" 1" increments	VC72VLO - Very Low VC72LO - Low VC72SO - Standard VC72MO - Medium VC72HO - High VC72VHO - Very High	18K - 1800K 22K - 2200K 24K - 2400K 27K - 2700K 30K - 3000K 35K - 3500K 41K - 4100K	F - Frosted C - Clear	A - Adjustable	U - Up D - Down	*BASE* SA - Silver Anodized *POWDER COAT* BK - Black BZ - Bronze WH - White
	12"–120" 2" increments	HE64VLO - Very Low HE64LO - Low HE64SO - Standard HE64MO - Medium HE64HO - High HE64VHO - Very High	22K - 2200K 24K - 2400K 27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K				*PREMIUM* MBK - Matte Black WN - Warm Nickel AB - Aged Brass PG - Polished Gold[5] CH - Chrome[5]

1 - Custom lengths and increments are available, please consult factory with specific request.
2 - Title 24 JA8 achievable depending on Output, CCT, and Lens selections. See multiplier charts to calculate specific efficacies.
3 - Non Base 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 include a Black canopy.
5 - Polished Gold finishes and Chrome finishes have a maximum fixture length of 96".

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 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.
- White canopy included with all finishes except Black and Matte Black, which include a Black canopy.

Silver Anodized *Base*

Silver Anodized is a soft silver with a clear finish.

Black *Powder Coat*

Black is a true deep black with a glossy finish.

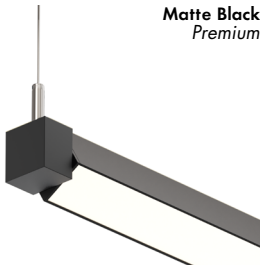
Bronze *Powder Coat*

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

White *Powder Coat*

White is a polar bright white and field paintable.

Matte Black *Premium*

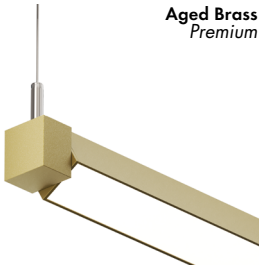


Matte Black is a dark, pitch-black with a soft flat finish.

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*

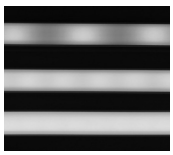
Polished Gold is bright and radiant for a brilliant finish.

Chrome *Premium*

Chrome is a highly reflective silver polish.

Light Transmission and Dotting

Output Options	Lens/Accessory							
	Clear Lens				Frosted Lens			
Dimming Level	100%	50%	10%	1%	100%	50%	10%	1%
VC72VLO	CD	CD	CD	CD	ND	ND	ND	ND
VC72LO	CD	CD	CD	CD	ND	ND	ND	ND
VC72SO	CD	CD	CD	CD	ND	ND	ND	ND
VC72MO	CD	CD	CD	CD	ND	ND	ND	ND
VC72HO	CD	CD	CD	CD	ND	ND	ND	ND
VC72VHO	CD	CD	CD	CD	ND	ND	ND	ND
HE64VLO	CD	CD	CD	CD	ND	ND	ND	ND
HE64LO	CD	CD	CD	CD	ND	ND	ND	ND
HE64SO	CD	CD	CD	CD	ND	ND	ND	ND
HE64MO	CD	CD	CD	CD	ND	ND	ND	ND
HE64HO	CD	CD	CD	CD	ND	ND	ND	ND
HE64VHO	CD	CD	CD	CD	ND	ND	ND	ND
Transmission Percentage	114%				100%			



CD - Clear Dotting

SD - Slight Dotting

ND - No Dotting

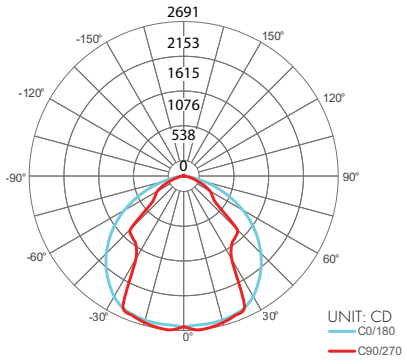
Use complete Dotting Chart Tool online for more dotting information

I'm also click-able

Photometry

KiloSPOA-48-VC72VHO-30K-C

Kilo S POA, 4ft, VHO, 3000K, Clear Lens



Zonal Lumen Summary 3000K

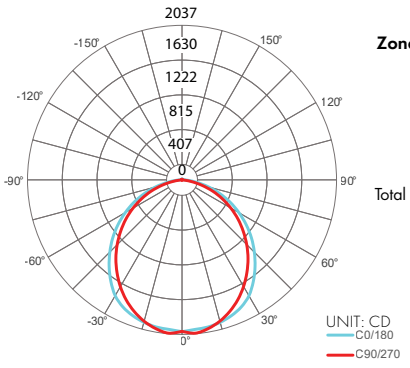
	Zone	Lumen	% Fixture
	0-30	529	33%
	0-40	833	53%
	0-60	1349	85%
	0-90	1570	99%
Total	0-180	1582	100%

Beam Angle

86°

KiloS POA-48-VC72VHO-30K-F

Kilo S POA, 4ft, VHO, 3000K, Frosted Lens



Zonal Lumen Summary 3000K

	Zone	Lumen	% Fixture
	0-30	387	28%
	0-40	630	45%
	0-60	1102	79%
	0-90	1380	99%
Total	0-180	1392	100%

Beam Angle

104°

Power Consumption

Please visit the link/QR code below to access the Luminii Power Consumption Chart tool on our website.

There you will be able to select your fixture, ouput, and desired power feed to get a full power consumption table.

I'm also click-able

Desired Nominal Length: _____

Desired Output: _____

Desired CCT: _____

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.

For use with Static White

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

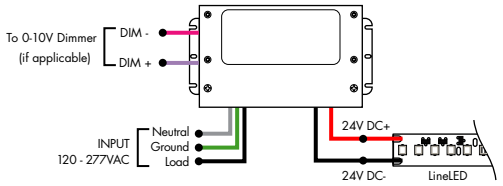
MODEL		INPUT CONTROL		WATTAGE		OUTPUT
	–		–		–	
PS - Power Supply, 120-277VAC		UNI - 0-10V Dimming (0.1%), Phase Dimming (0.1%)		30 - 30 Watts 60 - 60 Watts 96 - 96 Watts 3x96 - 3x96 Watts		24 - 24 VDC

Compatibility: View a complete list of compatible dimmers on the PS-UNI product page.

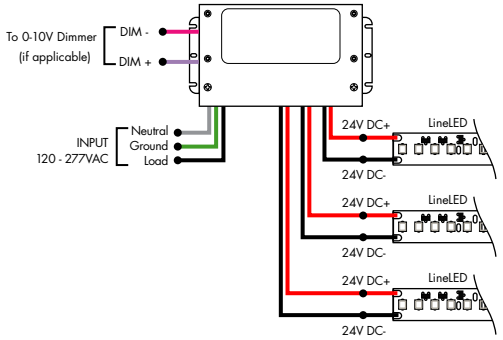
0-10V - 0.1% dimming
MLV/ELV/TRIAC - 0.1% dimming, consult dimming compatibility chart

MODELS	PS-UNI-30W	PS-UNI-60W	PS-UNI-96W	PS-UNI-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"

PS-UNI-30/60/96



PS-UNI-3X96

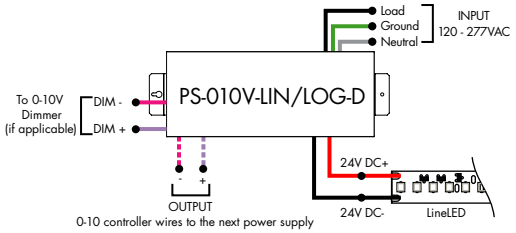


For use with Static White

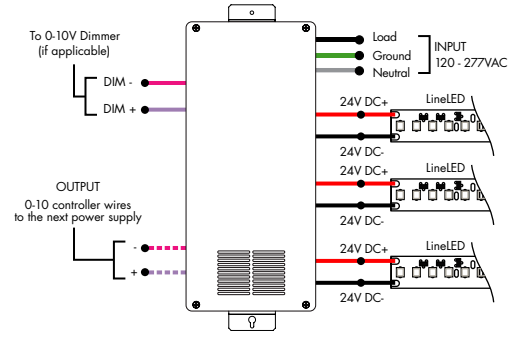
Ordering Code - 0-10V Dimming Power Supplies 0.1% 120VAC - 277VAC

MODEL		INPUT CONTROL		ENVIRONMENT		WATTAGE		OUTPUT
	-		-		-		-	
PS - Power Supply, 120-277VAC		010V-LIN - 0-10V Dimming (0.1%), Linear 010V-LOG - 0-10V Dimming (0.1%), Logarithmic		D - Dry		96 - 96 Watts 3x96 - 3x96 Watts		24 - 24 VDC

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



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



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.

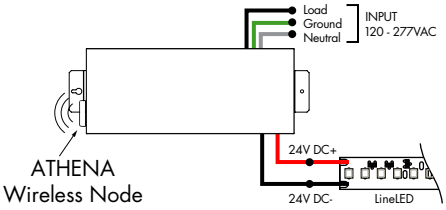
For use with Static White

Ordering Code - Athena 0-10V LED Driver

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT	FEATURE
PS - Power Supply, 120-277VAC	010V-LIN - 0-10V Dimming (0.1%), Linear 010V-LOG - 0-10V Dimming (0.1%), Logarithmic	D - Dry	96 - 96 Watts	24 - 24 VDC	AWNR - Athena Wireless Node

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

PS-010V-LIN/LOG-D-96-ANWR

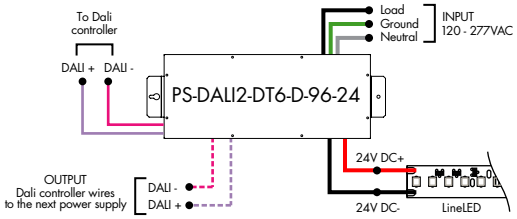


For use with Static White

Ordering Code - DALI 2 Dimming Power Supplies 0.1% 120VAC - 277VAC

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS - Power Supply, 120-277VAC	DALI2-DT6 - DALI2 DT6 (0.1%)	D - Dry	96 - 96 Watts	24 - 24 VDC

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

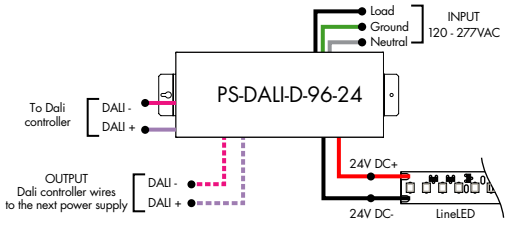


For use with Static White

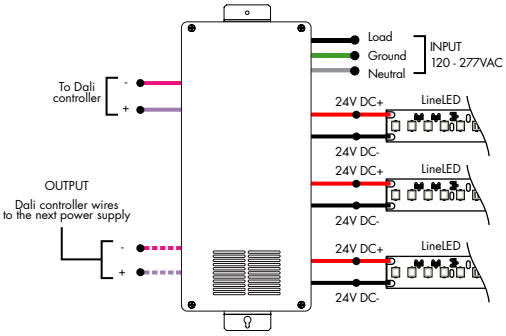
Ordering Code - DALI Dimming Power Supplies 0.1% 120VAC - 277VAC

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS - Power Supply, 120-277VAC	DALI - DALI (0.1%)	D - Dry	96 - 96 Watts 3x96 - 3x96 Watts	24 - 24 VDC

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



PS-DALI-D-3X96-24



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.

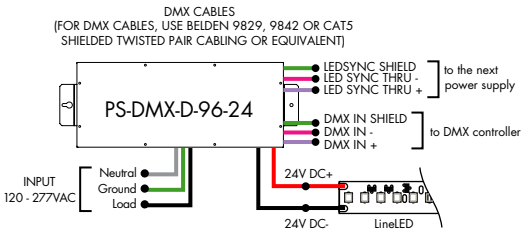
For use with Static White

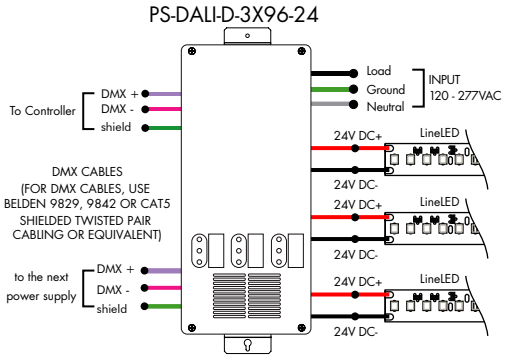
Ordering Code - DMX Dimming Power Supplies 0.1% 120VAC - 277VAC

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS-Power Supply, 120-277VAC	DMX-DMX (0.1%)	D-Dry	96-96 Watts 3x96-3x96 Watts	24-24 VDC

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

ZONAL CONTROL POWER SUPPLIES.
CONTROL MULTIPLE TAPES/ZONES USING DMX CHANNELS.



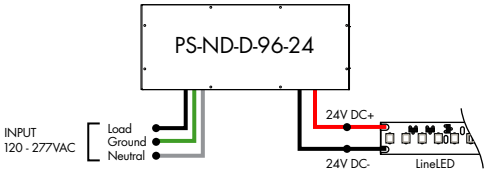


For use with Static White

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

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS-Power Supply, 120-277VAC	ND-Non Dimming	D-Dry	96-96 Watts	24-24 VDC

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

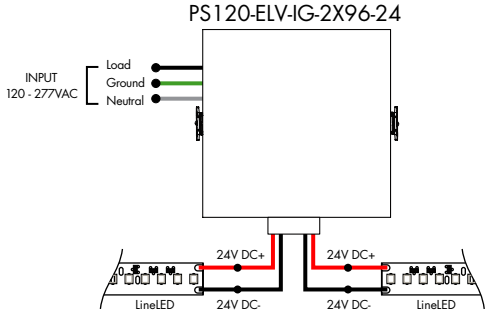


For use with Static White

Ordering Code - In-Ground Power Supplies

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS120-Power Supply, 120VAC PS240-Power Supply, 240VAC PS277-Power Supply, 277VAC	ELV-ELV Dimming (1%)	IG-In Ground	2X96-2X96 Watts	24-24 VDC

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



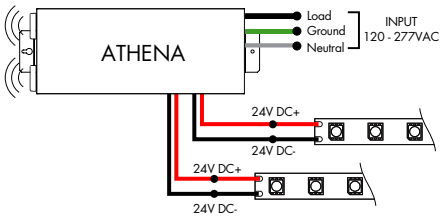
Power Supplies

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.

For use with Static White

Ordering Code - Athena VintageDim® 0-10V Two Channel LED Driver, 0.1% 120VAC - 277VAC

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT	FEATURE
PS-Power Supply, 120-277VAC	010V-2CH-0-10V Dimming Two Channel Control, LED1 Brightness and LED2 Brightness	D-Dry	96-96 W	24-24 VDC	AWNR-Athena



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

LUTRON®

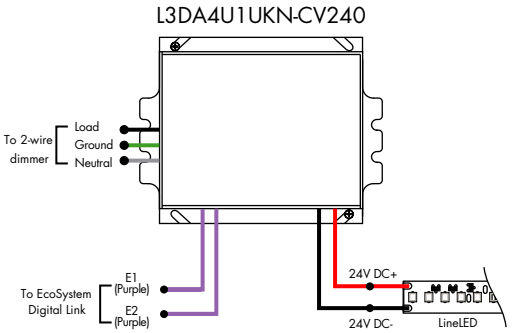
Luminii is a Lutron OEM Advantage Partner

Lutron Power Supplies 1%

MODEL

L3DA4U1UKL-CV240

HiLume™ 1% EcoSystem Voltage LED driver 40W max



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

LUTRON®

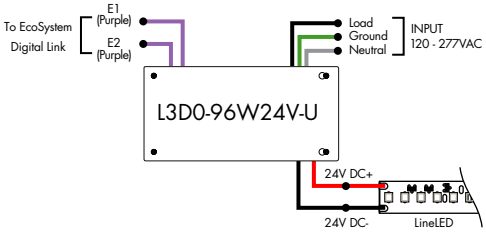
Luminii is a Lutron OEM Advantage Partner

Lutron Power Supplies 0.1%

MODEL

L3D0-96W24V-U

HiLume™ 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"