

Features

- 24VDC Class 2 fixtures made to order up to 76"
- Suitable for direct view wall mount, vanity, and accent lighting
- Class 2 listed for damp locations
- Dot free even illumination
- Proprietary strong bond solder method handles up to 50 lbs of pull force on wire leads and connectors
- Vibrant Color options offer premium quality and vibrant colors with R9 values up to 98
- High Efficacy options offer best in class output and efficacy with over 850 lm/ft and up to 101 lm/W
- 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	**VC72VLO**	**VC72LO**	**VC72SO**	**VC72MO**	**VC72HO**	**VC72VHO**	**VC72XHO**
Lumens Output (3000K) (with a Frosted Lens)	80 lm/ft	204 lm/ft	272 lm/ft	359 lm/ft	434 lm/ft	578 lm/ft	689 lm/ft
Average Power Consumption (for a 4' section)	1.1 W/ft	2.8 W/ft	3.7 W/ft	4.9 W/ft	5.9 W/ft	7.9 W/ft	9.9 W/ft
Efficacy	73 lm/W	73 lm/W	74 lm/W	73 lm/W	74 lm/W	73 lm/W	70 lm/W
Max Run Length (individual fixture)	6.3 ft	6.3 ft	6.3 ft	6.3 ft	6.3 ft	5.5 ft	4 ft
Ambient Operating Temperature Range*	-4°F – 122°F (-20°C – 50°C)					-4°F – 104°F (-20°C – 40°C)	-4°F – 86°F (-20°C – 30°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	**HE64VLO**	**HE64LO**	**HE64SO**	**HE64MO**	**HE64HO**	**HE64VHO**	**HE64XHO**
Lumens Output (3000K) (with a Frosted Lens)	89 lm/ft	192 lm/ft	275 lm/ft	365 lm/ft	519 lm/ft	712 lm/ft	857 lm/ft
Average Power Consumption (for a 4' section)	1 W/ ft	1.9 W/ ft	2.9 W/ ft	3.8 W/ ft	5.6 W/ ft	7.1 W/ ft	8.9 W/ ft
Efficacy	89 lm/W	101 lm/W	95 lm/W	96 lm/W	93 lm/W	100 lm/W	96 lm/W
Max Run Length (individual fixture)	6.3 ft	6.3 ft	6.3 ft	6.3 ft	6.3 ft	5.5 ft	4.3 ft
Ambient Operating Temperature Range*	-4°F – 122°F (-20°C – 50°C)					-4°F – 113°F (-20°C – 45°C)	-4°F – 95°F (-20°C – 35°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 - FINISH - POWER SUPPLY TYPE

CLSW - Clareo S Wall
CLQW - Clareo Q Wall

LENGTH[1]: 24"–76" (1" increments); 24"–76" (2" increments)

OUTPUT[2] / CCT:

OUTPUT[2]	CCT
VC72VLO - Very Low	18K - 1800K
VC72LO - Low	22K - 2200K
VC72SO - Standard	24K - 2400K
VC72MO - Medium	27K - 2700K
VC72HO - High	30K - 3000K
VC72VHO - Very High	35K - 3500K
VC72XHO - Extreme	41K - 4100K
HE64VLO - Very Low	22K - 2200K
HE64LO - Low	24K - 2400K
HE64SO - Standard	27K - 2700K
HE64MO - Medium	30K - 3000K
HE64HO - High	35K - 3500K
HE64VHO - Very High	40K - 4000K
HE64XHO - Extreme	

LENS: F - Frosted

FINISH:

BASE
SA - Silver Anodized

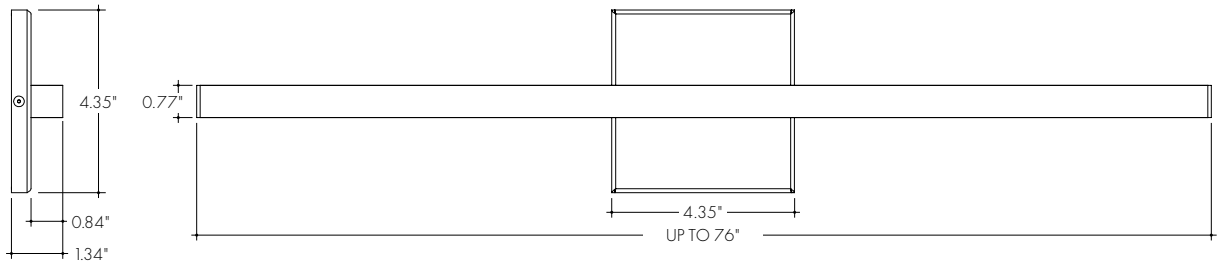
POWDER COAT
BK - Black
BZ - Bronze
WH - White

PREMIUM
MBK - Matte Black
WN - Warm Nickel
AB - Aged Brass
PG - Polished Gold[5]
CH - Chrome[5]

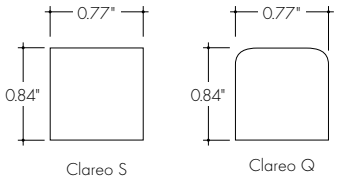
POWER SUPPLY TYPE: R - Remote Power Supply

1 - Custom lengths and increments are available, please consult Inside Sales 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



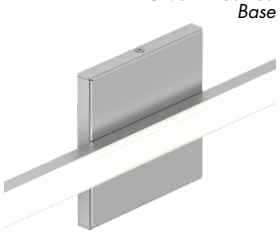
Model Profiles



Finish Options

- Finish options are available in a wide variety, allowing for complete customization of style and aesthetic.
- Non Base finishes may have extended lead times and price adder.
- Custom RALs are available, please consult Inside Sales with specific request.

Silver Anodized *Base*



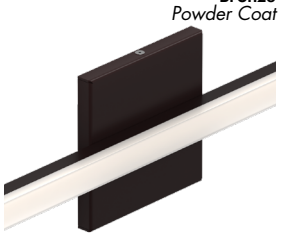
Silver Anodized is a soft silver with a clear finish.

Black *Powder Coat*



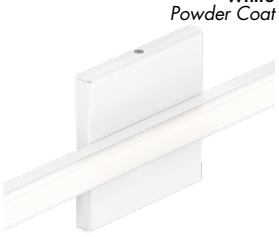
Black is a true deep black with a glossy finish.

Bronze *Powder Coat*



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

White *Powder Coat*



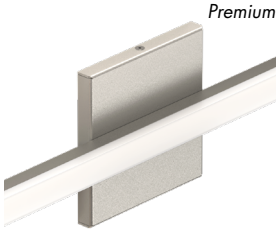
White is a polar bright white and field paintable.

Matte Black *Premium*



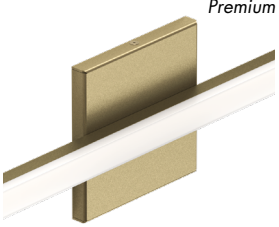
Matte Black is a dark, pitch-black with a soft flat finish.

Warm Nickel *Premium*



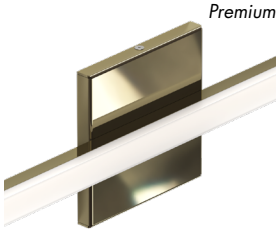
Warm Nickel is a soft, silvery smoke with warm tones and a satin finish.

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.

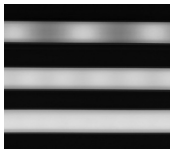
Chrome *Premium*



Chrome is a highly reflective silver polish.

Light Transmission and Dotting

	Lens/Accessory							
Output Options	**CLQ Frosted Lens**				**CLS Frosted Lens**			
Dimming Level	100%	50%	10%	1%	100%	50%	10%	1%
VC72VLO	ND	ND	ND	ND	ND	ND	ND	ND
VC72LO	ND	ND	ND	ND	ND	ND	ND	ND
VC72SO	ND	ND	ND	ND	ND	ND	ND	ND
VC72MO	ND	ND	ND	ND	ND	ND	ND	ND
VC72HO	ND	ND	ND	ND	ND	ND	ND	ND
VC72VHO	ND	ND	ND	ND	ND	ND	ND	ND
VC72XHO	ND	ND	ND	ND	ND	ND	ND	ND
HE64VLO	ND	ND	ND	ND	ND	ND	ND	ND
HE64LO	ND	ND	ND	ND	ND	ND	ND	ND
HE64SO	ND	ND	ND	ND	ND	ND	ND	ND
HE64MO	ND	ND	ND	ND	ND	ND	ND	ND
HE64HO	ND	ND	ND	ND	ND	ND	ND	ND
HE64VHO	ND	ND	ND	ND	ND	ND	ND	ND
HE64XHO	ND	ND	ND	ND	ND	ND	ND	ND
Transmission Percentage	100%				100%			



CD - Clear Dotting

SD - Slight Dotting

ND - No Dotting

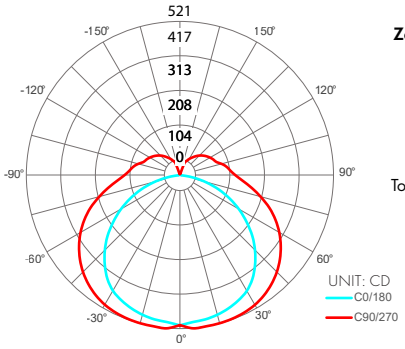
Use complete Dotting Chart Tool online for more dotting information

I'm also click-able

Photometry

CLQ-48-VC72VHO-30K-F

Clareo Q, 4ft, VHO, 3000K, Frosted Lens



Zonal Lumen Summary 3000K

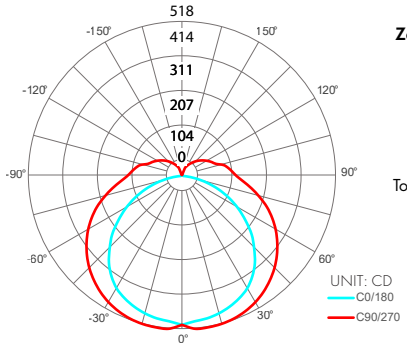
	Zone	Lumen	% Fixture
	0-30	110	19%
	0-40	185	32%
	0-60	345	60%
	0-90	494	86%
Total	0-180	578	100%

Beam Angle

152°

CLS-48-VC72VHO-30K-F

Clareo S, 4ft, VHO, 3000K, Frosted Lens



Zonal Lumen Summary 3000K

	Zone	Lumen	% Fixture
	0-30	107	19%
	0-40	181	31%
	0-60	340	59%
	0-90	487	84%
Total	0-180	578	100%

Beam Angle

149°

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]	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.

For use with Static White

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

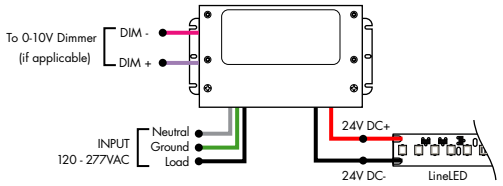
MODEL		INPUT CONTROL		WATTAGE		OUTPUT
	–		–		–	
PS - Power Supply, 120-277VAC		UNI - 0-10V Dimming (0.1%), Phase Dimming (0.1%)		30 - 30 Watts 60 - 60 Watts 96 - 96 Watts 3x96 - 3x96 Watts		24 - 24 VDC

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

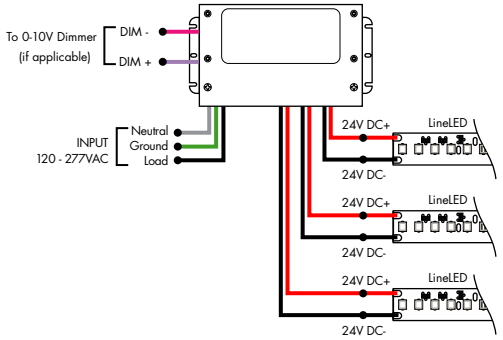
0-10V - 0.1% dimming
MLV/ELV/TRIAC - 0.1% dimming, consult dimming compatibility chart

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

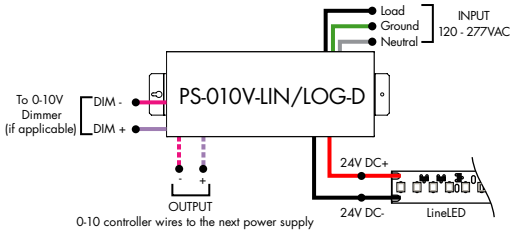


For use with Static White

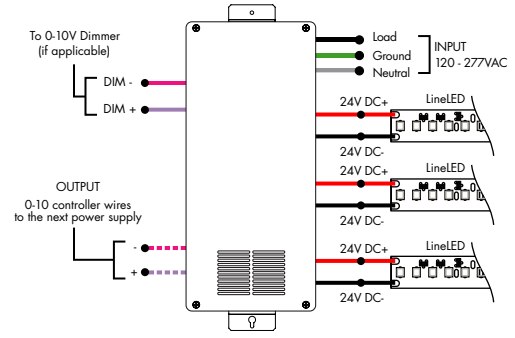
Ordering Code - 0-10V Dimming Power Supplies 0.1% 120VAC - 277VAC

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.

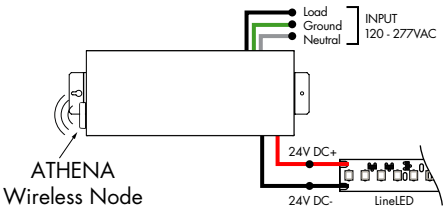
For use with Static White

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

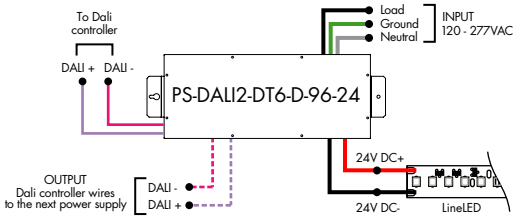


For use with Static White

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"

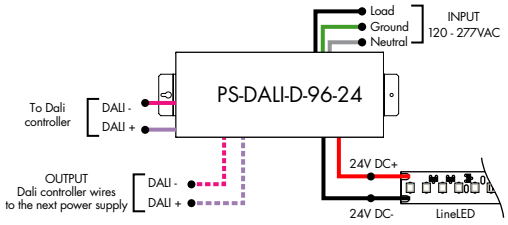


For use with Static White

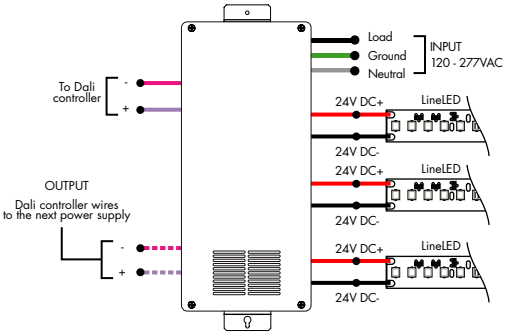
Ordering Code - DALI Dimming Power Supplies 0.1% 120VAC - 277VAC

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



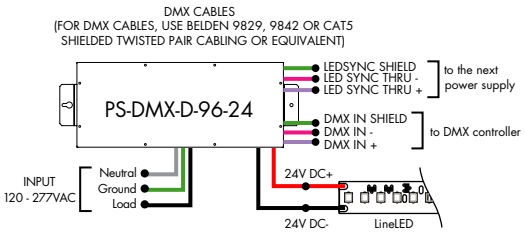
Power Supplies

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

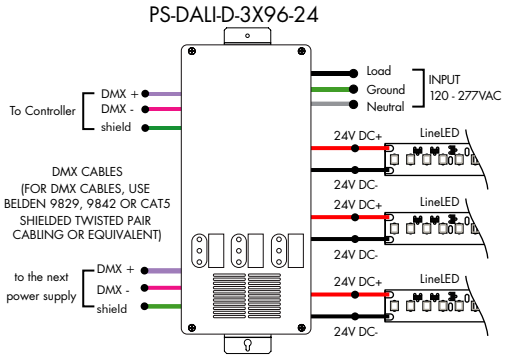
Ordering Code - DMX Dimming Power Supplies 0.1% 120VAC - 277VAC

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"

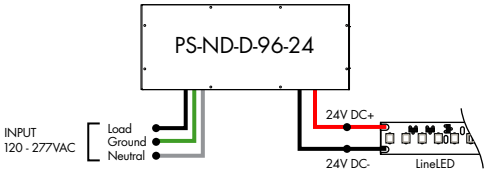
ZONAL CONTROL POWER SUPPLIES.
CONTROL MULTIPLE TAPES/ZONES USING DMX CHANNELS.



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

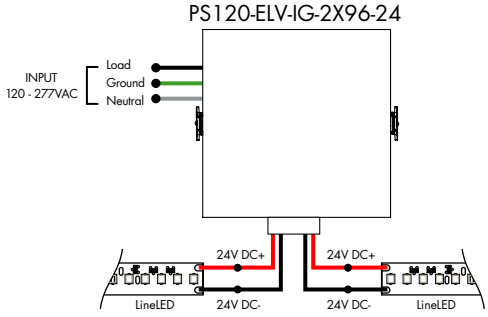


MODELS	96W
Length	14.40"
Width	5.20"
Depth	2.60"

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"

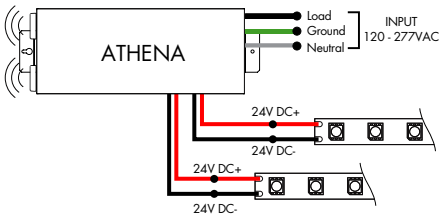
Power Supplies

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®

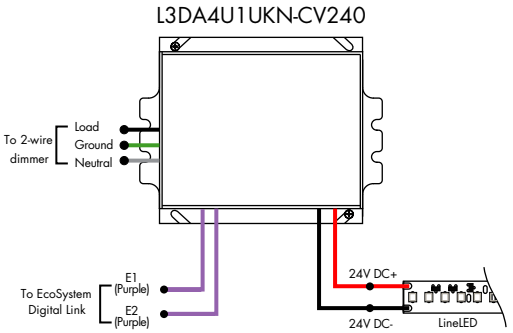
Luminii is a Lutron OEM Advantage Partner

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®

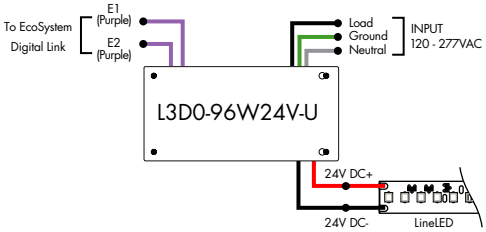
Luminii is a Lutron OEM Advantage Partner

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"

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.
Use options below for Integral power supplies.

For use with INTELV

MODEL

TA60WD24LED

120VAC Input, 50/60 Hz, 0.5A Input Current, ELV Dimming

MODELS	TA60WD24LED
Length	2.22"
Width	1.30"
Depth	0.83"

Input Ratings	
Voltage	120 VAC
Frequency	50/60 Hz
Current	0.50 A

Output Ratings	
Voltage	24 VDC
Wattage	40 W Max