Wall Plus - Static White | Linear Illumination System

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Features

- 24VDC Class 2 fixtures made to order up to 120".
- Approved for closet/storage space installation per NEC 410.16(A) (3) and 410.16(C)(5) on outputs 5.7 W/ft or less
- Class 2 listed for damp locations
- Proprietary strong bond solder method handles up to 50 lbs of pull force on wire leads and connectors

- Vibrant Color options offer premium color quality with R9 values up to 98
- High Efficacy options offer best in class output and efficacy at 740 lm/ft and up to 105 lm/W
- Average Life (L70): 50,000hrs
- 7 year warranty
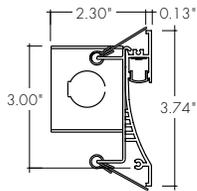
Finish Options (see page 2 for additional information)

Base: ☐ Silver Anodized

Powder Coat: ■ Black ■ Bronze ☐ White

Premium: ■ Matte Black ■ Warm Nickel ■ Aged Brass ■ Polished Gold ■ Chrome

Declare. CE IC RATED +/- 30 CCT Single Bin
RoHS MADE IN U.S.A
c(UL)us LISTED TITLE 24 JA8 COMPLIANT DIM

Dimensions: 2.30", 0.13", 3.00", 3.74"

Technical Information

TYPE	Vibrant Color VC72					
OUTPUT OPTIONS	VC72VLO	VC72LO	VC72SO	VC72MO	VC72HO	VC72VHO
Lumens Output (3000K) (with a Frosted Lens)	83 lm/ft	212 lm/ft	283 lm/ft	373 lm/ft	451 lm/ft	601 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
Efficacy	75 lm/W	76 lm/W	76 lm/W	76 lm/W	76 lm/W	76 lm/W
Max Run Length (in series)	56.9 ft	32 ft	28 ft	24 ft	21 ft	18 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.

Vibrant Color (VC72)

CCT	Multiplier (ref. - 30K)	TM-30			
		CRI	R$_f$	R$_g$	R9
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
Lumens Output (3000K) (with a Frosted Lens)	92 lm/ft	199 lm/ft	286 lm/ft	380 lm/ft	540 lm/ft	740 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
Efficacy	92 lm/W	105 lm/W	99 lm/W	100 lm/W	96 lm/W	104 lm/W
Max Run Length (in series)	90 ft	55 ft	34.9 ft	26 ft	17 ft	13 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	R$_f$	R$_g$	R9
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[3]	LEFT END CAP	RIGHT END CAP	POWER FEED LEFT END[5,6]	POWER FEED RIGHT END[5,6]

WP - Wall Plus

LENGTH: 8"–120" 1" increments / 8"–120" 2" increments

OUTPUT:
VC72VLO - Very Low
VC72LO - Low
VC72SO - Standard
VC72MO - Medium
VC72HO - High
VC72VHO - Very High

HE64VLO - Very Low
HE64LO - Low
HE64SO - Standard
HE64MO - Medium
HE64HO - High
HE64VHO - Very High

CCT:
18K - 1800K
22K - 2200K
24K - 2400K
27K - 2700K
30K - 3000K
35K - 3500K
41K - 4100K

22K - 2200K
24K - 2400K
27K - 2700K
30K - 3000K
35K - 3500K
40K - 4000K

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[4]
CH - Chrome[4]

LEFT END CAP:
LE - Endcap Left End
LN - No Endcap Left End

RIGHT END CAP:
RE - Endcap Right End
RN - No Endcap Right End

POWER FEED LEFT END:
JUNCTION BOX
LJB - Junction Box Left
LNPF - No Power Feed

POWER FEED RIGHT END:
JUNCTION BOX
RNPF - No Power Feed
RJB - Junction Box Right

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 - Polished Gold finishes and Chrome finishes have a maximum fixture length of 96"
5 - NOTE: Cannot pair LJB-RJB together. Only one power feed per fixture/section on Wall Plus
6 - Junction Box comes with 24" plenum rated wire.

Product Dimensions

0.13"
surface section

2.30"
recessed section

3.74"

3.00"

spring clips for
easy installation

integrated
junction box

0.5"
endcap

Actual length of assembled fixture

0.5"
endcap
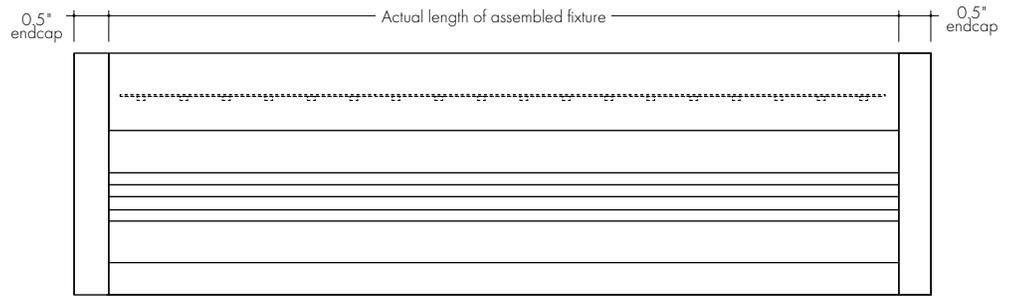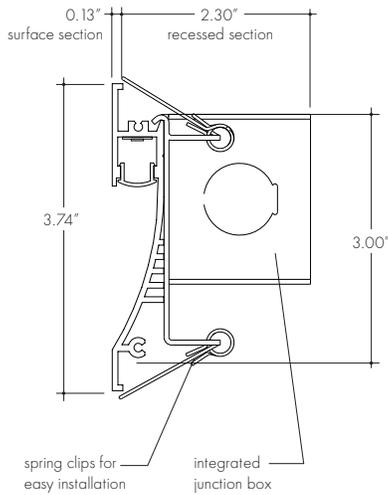
Finish Options

- Finish options are available in a wide variety, allowing for complete customization of style and aesthetic.
- Non Base finishes may have extended lead times.
- 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
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.
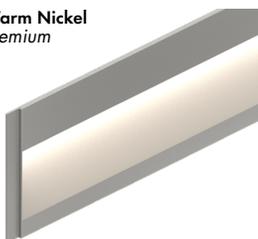
White
Powder Coat

White is a polar bright white and field paintable.
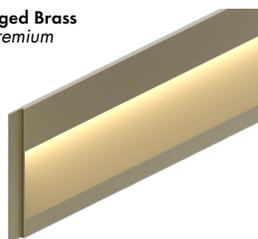
Matte Black
Premium

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.
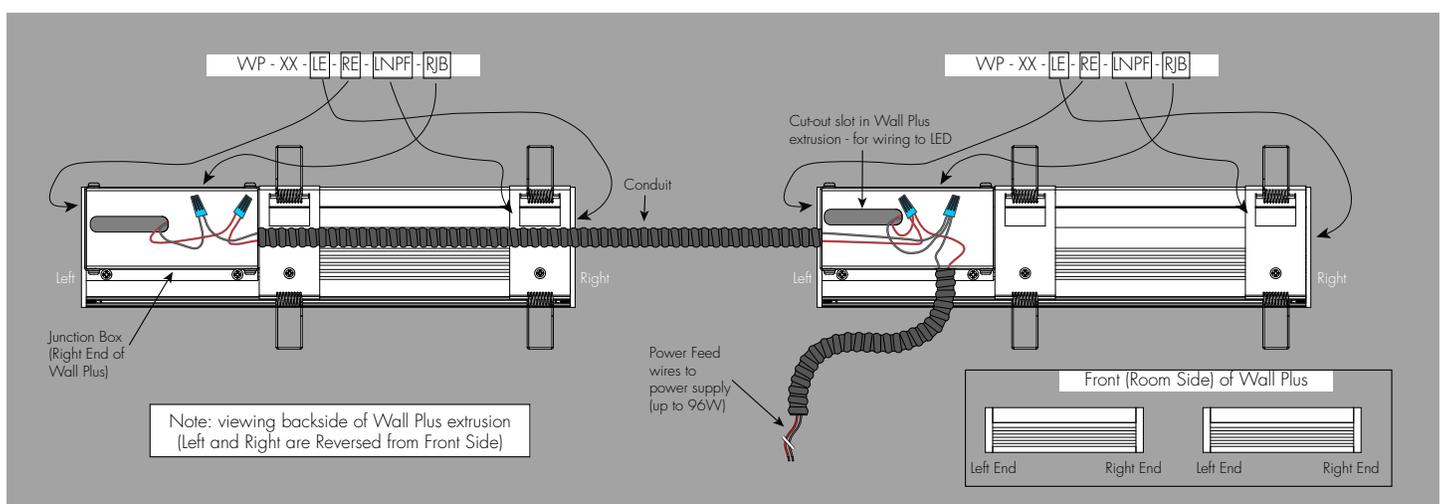
Polished Gold
Premium

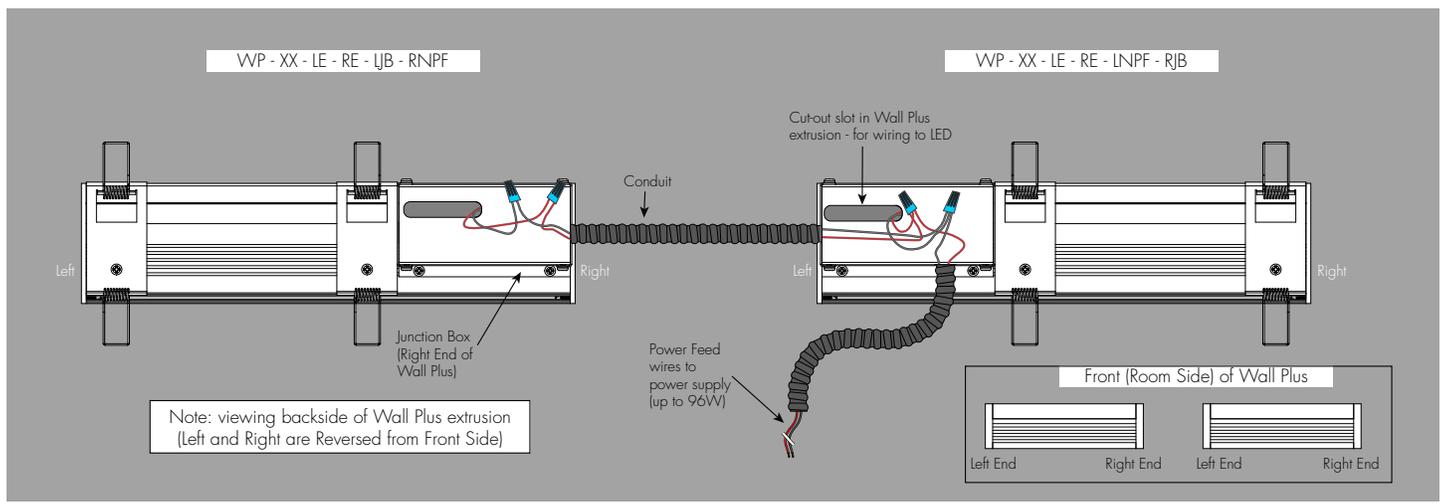Polished Gold is bright and radiant for a brilliant finish.

Chrome
Premium

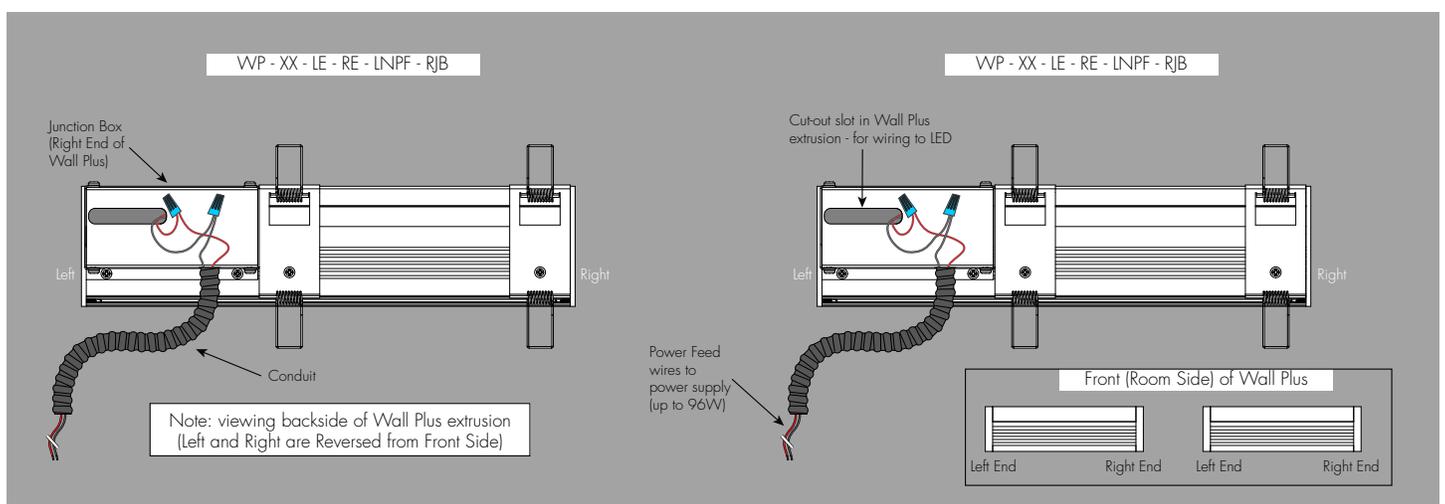Chrome is a highly reflective silver polish.

Sample Layout of Power Feed (Backside of Wall Plus)

WP - XX - LE - RE - LNPF - RJB

WP - XX - LE - RE - LNPF - RJB

Cut-out slot in Wall Plus
extrusion - for wiring to LED

Conduit

Left

Right

Left

Right

Junction Box
(Right End of
Wall Plus)

Power Feed
wires to
power supply
(up to 96W)

Note: viewing backside of Wall Plus extrusion
(Left and Right are Reversed from Front Side)

Front (Room Side) of Wall Plus

Left End   Right End   Left End   Right End

Sample Layout of Power Feed (Backside of Wall Plus)

WP - XX - LE - RE - LJB - RNPF

WP - XX - LE - RE - LNPF - RJB

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WP - XX - LE - RE - LNPF - RJB

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Junction Box
(Right End of
Wall Plus)

Cut-out slot in Wall Plus
extrusion - for wiring to LED

Left

Right

Left

Right

Conduit

Power Feed
wires to
power supply
(up to 96W)

Note: viewing backside of Wall Plus extrusion
(Left and Right are Reversed from Front Side)

Front (Room Side) of Wall Plus

Left End   Right End   Left End   Right End

Light Transmission and Dotting

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

CD - Clear Dotting

SD - Slight Dotting

ND - No Dotting
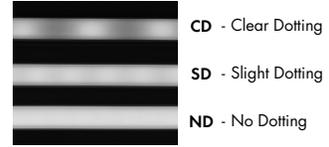
Use complete Dotting Chart Tool online for more dotting information

I'm also click-able

Photometry

WP-48-VC72VHO-30K-F

Wall Plus, 4ft, VHO, 3000K, Frosted Lens
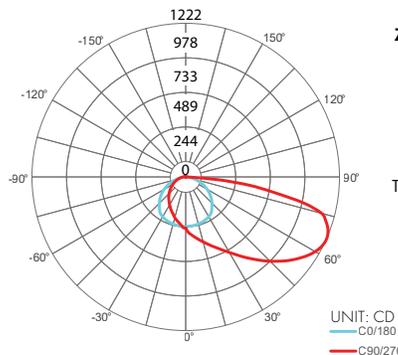
Zonal Lumen Summary 3000K

	Zone	Lumen	% Fixture
	0-30	87	14%
	0-40	154	26%
	0-60	346	58%
	0-90	595	99%
Total	0-180	601	100%

Beam Angle

58 °

UNIT: CD
C0/180
C90/270

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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.

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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

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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.
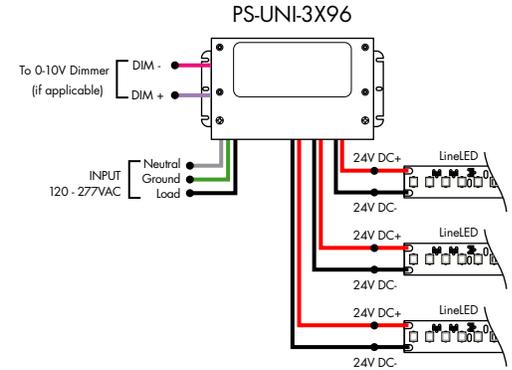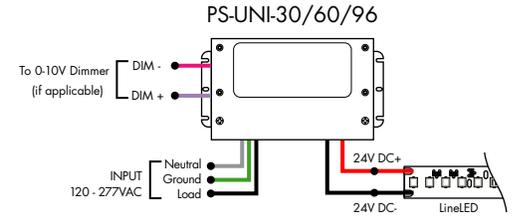
For use with Static White

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

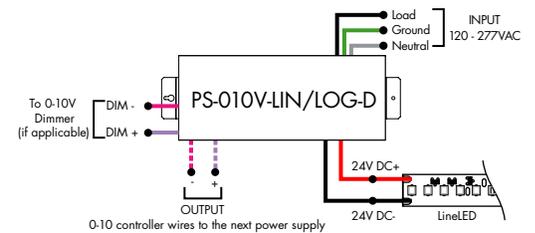| MODELS	PS-UNI-30W	PS-UNI-60W	PS-UNI-96W	PS-UNI-3X96W
Length	6.50"	7.40"	8.66"	11.85"
Width	3.73"	3.73"	3.73"	4.32"
Depth	1.61"	1.61"	1.61"	1.81"

PS-UNI-30/60/96

PS-UNI-3X96

For use with Static White

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

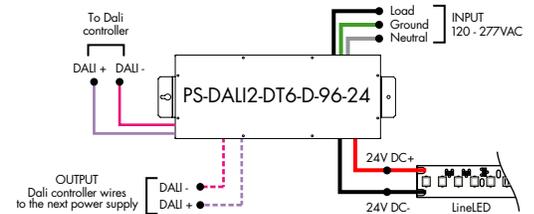| MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS - Power Supply, 120-277VAC	010V-LIN - 0-10V Dimming (0.1%), Linear 010V-LOG - 0-10V Dimming (0.1%), Logarithmic	D - Dry	96 - 96 Watts 3x96 - 3x96 Watts	24 - 24 VDC

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

PS-010V-LIN/LOG-D

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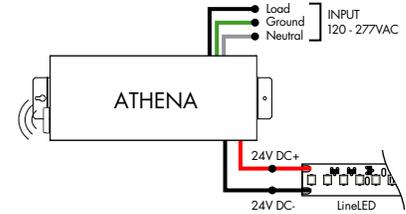
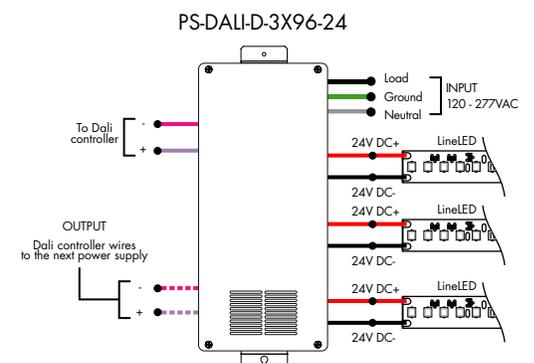| MODELS	96W
Length	14.40"
Width	5.20"
Depth	2.60"

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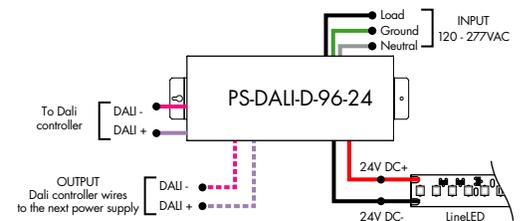
Model	96W	3X96
Length	14.40"	15.00"
Width	5.20"	6.62"
Depth	2.60"	4.56"

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.
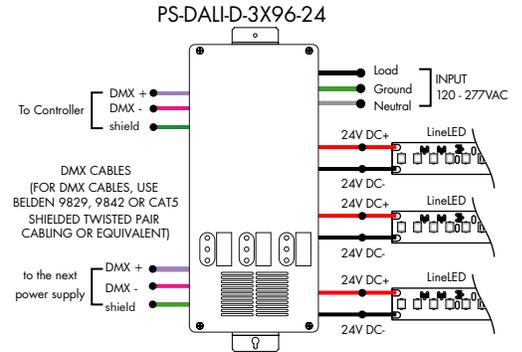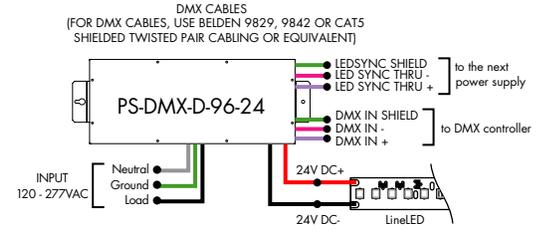
For use with Static White

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.

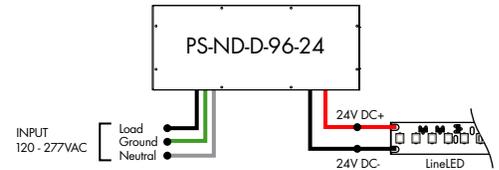
PS-DMX-D-96-24

PS-DALI-D-3X96-24

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"

PS-ND-D-96-24

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"
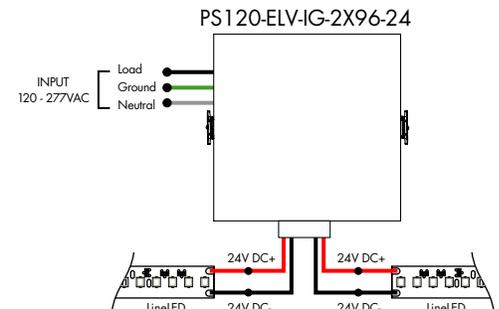
PS120-ELV-IG-2X96-24

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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.

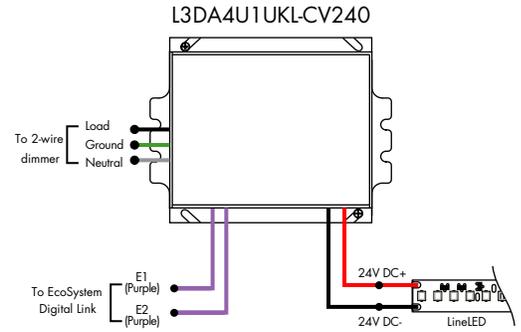### LUTRON®

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

MODEL

L3DA4U1UKL-CV240

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

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

L3DA4U1UKL-CV240

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"