

IP65 IP67 IP68

Features

LineLED Wet Tube is a small profile, energy efficient LED strip for IP65, IP67, and IP68 rated wet installations. LineLED Wet Tube offers amber, red, green, blue, yellow, violet, and royal blue colors. It is easily installed directly on to the mounting surface with double sided tape or within discrete mounting extrusions. With a durable but flexible circuit board, LineLED Wet Tube is also easy to install.

To maintain IP65, IP67, and IP68 rating, LineLED Wet Tube is factory sealed and bonded. Order in exact lengths required for install, LineLED Wet Tube is not field cuttable. IP rating of strip is equal to the lowest IP rating of section start and end options.

Mounting
LLED strip is equipped with 3M™ adhesive transfer tape (9472LE).

Applications
Outdoor and wet locations - cove lighting, architectural accent, handrail, wet bars.

Approvals
IP65, IP67, and IP68 rated

Operating voltage
24 VDC

Average Life (L70)
50,000 hours

Warranty
3 years

Declare. CE
LM80 RoHS
c UL us LISTED
DIM

Technical information

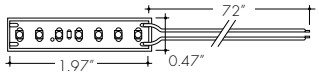
TYPE	LL42WET-T
OUTPUT OPTIONS	**HO**
Average Power Consumption (for a 4' section)	2.9 W/ft
Ordering Increment (in)	1.97"
Pitch Length	0.28"
Max Run Length (in series)	40 ft
Dimensions	0.47"W x 0.24" H
Ambient Operating Temperature Range*	-5°F – 125°F (-20°C – 50°C)

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

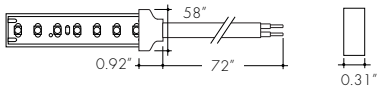
COLOR	Wavelength	Light Output	Light Color
Red	620-630 nm	69 lm/ft	
Orange	600-610 nm	69 lm/ft	
Amber	585-595 nm	75 lm/ft	
Yellow	575-585 nm	279 lm/ft	
Green	520-530 nm	266 lm/ft	
Blue	465-475 nm	46 lm/ft	
Royal Blue	445-450 nm	36 lm/ft	
Violet	380-385 nm	82 lm/ft	

Section Start/End Options

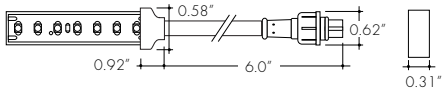
SL65
72" Soldered Leads, IP65 rated



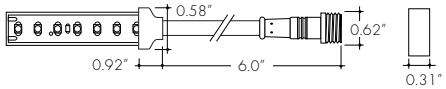
SL68
72" Soldered Leads, IP68 rated



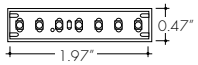
LF
Female Quick Connect End, IP67 rated



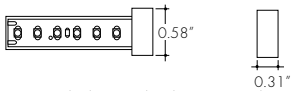
LM
Male Quick Connect End, IP67 rated



NC
No Connector



IP65 rated when used with SL65 selection



IP67 rated when used with LM or LF selection

IP68 rated when used with SL68 selection

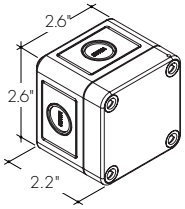
Ordering code

MODEL	OUTPUT	COLOR	SECTION START[2]	SECTION END[2]	LENGTH
LL42WET-T[1]-LineLED LL42 Wet Tube	HO-High	R-Red O-Orange A-Amber Y-Yellow G-Green B-Blue RB-Royal Blue V-Violet	SL65-IP65 Soldered lead wires (72") SL68-IP68 Soldered lead wires (72") LF-IP67 Female Quick Connect LM-IP67 Male Quick Connect NC-No Connector	SL65-IP65 Soldered lead wires (72") SL68-IP68 Soldered lead wires (72") LF-IP67 Female Quick Connect LM-IP67 Male Quick Connect NC-No Connector	Lengths specified to the inch; ordering code rounded up to one-foot increments. See chart above for max run length

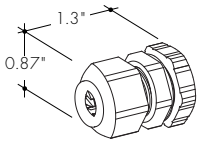
1 - LL42 Wet monochrome lead time: 8 weeks upon order. Minimum order quantity: 100ft
2 - IP rating of strip is equal to the lowest IP rating of section start and end options.

Accessories

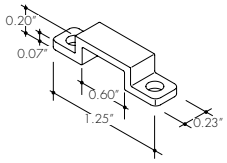
LVSP-WET
Splice box: wet rated, low voltage, gray, IP66



LVSP-WET-CM
Splice box connector, low voltage, gray

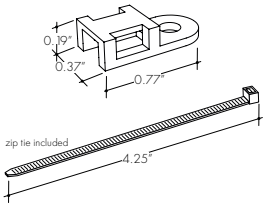


CL2
Mounting clip



Recommended every 12" when LineLED strip is facing down

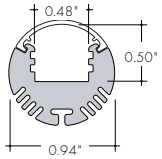
LL.ZIP
Cable/Wire Strain Relief Clip



Lens Options / Light Transmission

RO CHANNEL -ROC
(Link to Web)



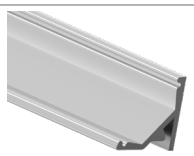


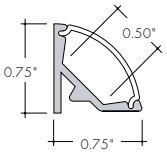
Lens	Clear	Frosted
Transmission %	86%	67%
Dotting*	CD	ND

*At 100% brightness

NOT Compatible with
- LF Connect Option
- LM Connect Option
- SL68 Connect Option

K45R CHANNEL -K45RC
(Link to Web)





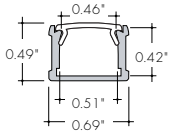
Lens	Round Frosted
Transmission %	65%
Dotting*	ND

*At 100% brightness

NOT Compatible with
- LF Connect Option
- LM Connect Option
- SL68 Connect Option

KM CHANNEL -KMC
(Link to Web)



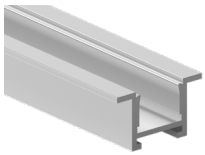


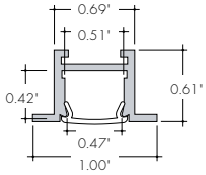
Lens	Clear	Half Frosted	Frosted	Flat Frosted	Raised	Narrow Beam Grazer
Transmission %	82%	65%	51%	47%	58%	56%
Dotting*	CD	CD	ND	ND	ND	N/A

*At 100% brightness

NOT Compatible with
- LF Connect Option
- LM Connect Option
- SL68 Connect Option

KRM CHANNEL -KRMC
(Link to Web)





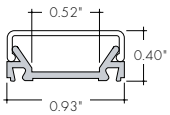
Lens	Clear	Half Frosted	Frosted	Flat Frosted	Narrow Beam Grazer
Transmission %	82%	65%	51%	47%	56%
Dotting*	CD	CD	ND	ND	N/A

*At 100% brightness

NOT Compatible with
- LF Connect Option
- LM Connect Option
- SL68 Connect Option

BAR CHANNEL -BARC
(Link to Web)



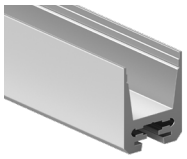


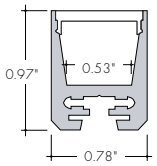
Lens	Frosted	Narrow Beam	Medium	Batwing	Asymmetric
Transmission %	65%	63%	56%	74%	56%
Dotting*	CD	N/A	N/A	N/A	N/A

*At 100% brightness

NOT Compatible with
- LF Connect Option
- LM Connect Option
- SL68 Connect Option

ALS20 CHANNEL -ALS20C
(Link to Web)





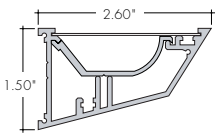
Lens	Clear	Frosted
Transmission %	54%	49%
Dotting*	CD	ND

*At 100% brightness

NOT Compatible with
- LF Connect Option
- LM Connect Option
- SL68 Connect Option

MCAL CHANNEL -MCALC
(Link to Web)

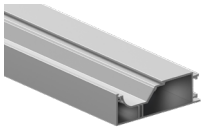


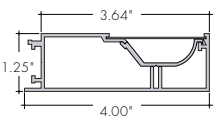


Lens	Long Throw	Tall Throw
Transmission %	91%	91%
Dotting*	CD	N/A

*At 100% brightness

MREC CHANNEL -MRECC
(Link to Web)





Lens	Long Throw	Tall Throw
Transmission %	91%	91%
Dotting*	CD	CD

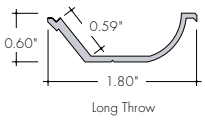
*At 100% brightness

Lens Options / Light Transmission

CLT CHANNEL -CLTC

[Link to Web]





Lens	No Lens
Transmission %	100%
Dotting*	CD

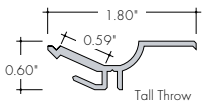
*At 100% brightness

NOT Compatible with
- LF Connect Option
- LM Connect Option
- SL68 Connect Option

CTT CHANNEL -CTTC

[Link to Web]





Lens	No Lens
Transmission %	100%
Dotting*	CD

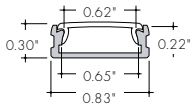
*At 100% brightness

NOT Compatible with
- LF Connect Option
- LM Connect Option
- SL68 Connect Option

KL CHANNEL -KLC

[Link to Web]





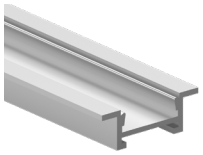
Lens	Clear	Half Frosted	Frosted
Transmission %	90%	75%	60%
Dotting*	CD	CD	CD

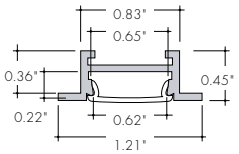
*At 100% brightness

NOT Compatible with
- LF Connect Option
- LM Connect Option
- SL68 Connect Option

KRL CHANNEL -KRLC

[Link to Web]





Lens	Clear	Half Frosted	Frosted
Transmission %	90%	75%	60%
Dotting*	CD	CD	CD

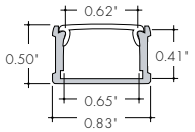
*At 100% brightness

NOT Compatible with
- LF Connect Option
- LM Connect Option
- SL68 Connect Option

KXL CHANNEL -KXLC

[Link to Web]



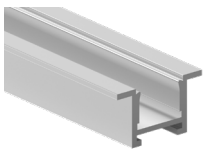


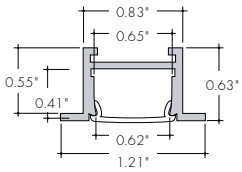
Lens	Clear	Half Frosted	Frosted
Transmission %	86%	69%	54%
Dotting*	CD	CD	ND

*At 100% brightness

KRXL CHANNEL -KRXLC

[Link to Web]





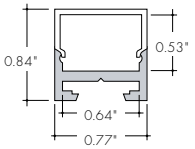
Lens	Clear	Half Frosted	Frosted
Transmission %	86%	69%	54%
Dotting*	CD	CD	ND

*At 100% brightness

CLA CHANNEL -CLAC

[Link to Web]





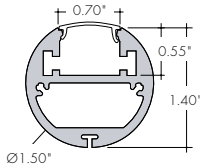
Lens	Rounded Square Frosted	Square Frosted
Transmission %	62%	65%
Dotting*	ND	ND

*At 100% brightness

RO15 CHANNEL -RO15C

[Link to Web]



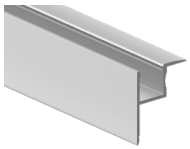


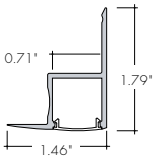
Lens	Clear	Frosted
Transmission %	76%	50%
Dotting*	CD	ND

*At 100% brightness

ALE CHANNEL -ALEC

[Link to Web]





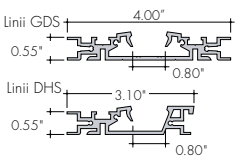
Lens	Clear	Frosted
Transmission %	58%	37%
Dotting*	CD	ND

*At 100% brightness

LIN CHANNEL -LINC

[Link to Web]



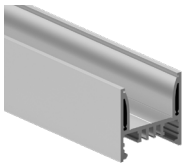


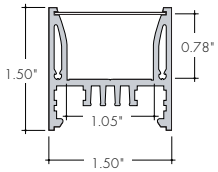
Lens	Frosted	Frosted Silicone	No Lens
Transmission %	48%	56%	82%
Dotting*	ND	N/A	CD

*At 100% brightness

Lens Options / Light Transmission

KILO CHANNEL
-KILOC
(Link to Web)



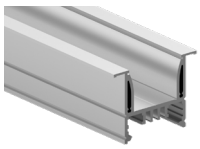


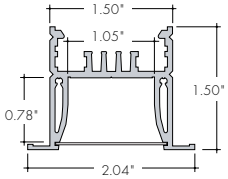
Lens	Clear	Frosted	No Lens
Transmission %	85%	75%	90%
Dotting*	CD	ND	CD

*At 100% brightness

NOT Compatible with
- LF Connect Option
- LM Connect Option
- SL68 Connect Option

KILOR CHANNEL
-KILORC
(Link to Web)



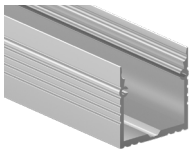


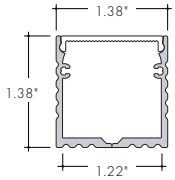
Lens	Clear	Frosted	No Lens
Transmission %	85%	75%	90%
Dotting*	CD	ND	CD

*At 100% brightness

NOT Compatible with
- LF Connect Option
- LM Connect Option
- SL68 Connect Option

PLA CHANNEL
-PLAC
(Link to Web)





Lens	Clear	Frosted
Transmission %	56%	34%
Dotting*	CD	ND

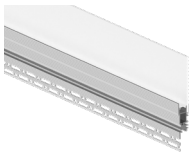
*At 100% brightness

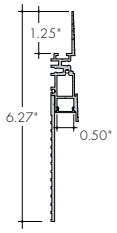
NOT Compatible with
- LF Connect Option
- LM Connect Option
- SL68 Connect Option

Lens Options / Light Transmission

KREST EDGE CHANNEL -KRESTC-E

(Link to Web)



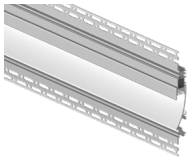


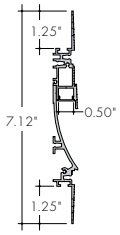
Lens	Frosted
Transmission %	45%
Dotting*	ND

*At 100% brightness

KREST REVEAL CHANNEL -KRESTC-R

(Link to Web)



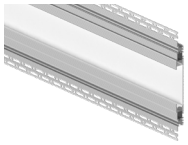


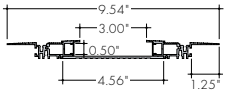
Lens	Frosted
Transmission %	45%
Dotting*	ND

*At 100% brightness

KREST DUO CHANNEL -KRESTC-D

(Link to Web)



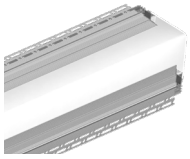


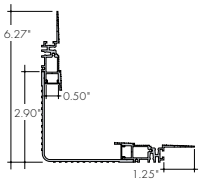
Lens	Frosted
Transmission %	41%
Dotting*	ND

*At 100% brightness

KREST CORNER CHANNEL -KRESTC-C

(Link to Web)





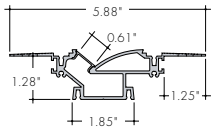
Lens	Frosted
Transmission %	31%
Dotting*	ND

*At 100% brightness

KREST WASH CHANNEL -KRESTC-W

(Link to Web)





Lens	Frosted
Transmission %	45%
Dotting*	ND

*At 100% brightness

Installation

All mounting channels are field cuttable using miter saw with circular blade suitable for cutting aluminum.

Ordering

Extrusions are sold separately. View respective specsheets for details on ordering extrusions and their accessories (endcaps, mounting brackets, etc).

Led Dotting Reference

Use complete Dotting Chart Tool online for more dotting information

Dotting Chart Tool

I'm also click-able

CD - Clear Dotting **SD** - Slight Dotting **ND** - No Dotting

Power Consumption

Tested at full power with PDC Series power supplies.

Nominal Length (in)	LL42WET-T-HO	
	W/ft	Total Wattage
1	2.9	2.9
2	2.9	5.9
3	2.9	8.3
4	2.9	11.2
5	2.9	14.4
6	2.9	17.8
7	2.9	20.9
8	2.9	23.3
9	2.8	25.5
10	2.8	28.1
11	2.8	30.5
12	2.7	32.9
13	2.7	35.6
14	2.7	38.0
15	2.7	40.6
16	2.5	40.8
17	2.5	42.9
18	2.5	45.3
19	2.5	47.4
20	2.4	48.7
21	2.4	49.8
22	2.4	53.0
23	2.3	53.7
24	2.3	55.6
25	2.3	58.2
26	2.3	58.4
27	2.2	59.9
28	2.2	62.3
29	2.2	64.4
30	2.2	66.4
31	2.1	66.4
32	2.2	69.1
33	2.1	70.8
34	2.1	71.5
35	2.1	73.1
36	2.2	80.1
37	2.2	82.6
38	2.2	82.7
39	2.2	84.7
40	2.1	85.2

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

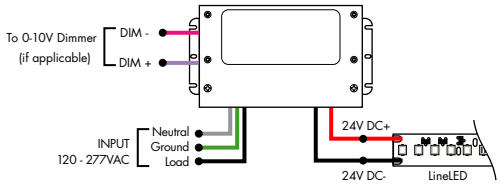
MODEL		INPUT CONTROL		WATTAGE		OUTPUT
	–		–		–	
PS - Power Supply, 120-277VAC		UNI - 0-10V Dimming (0.1%), Phase Dimming (0.1%)		30 - 30 Watts 60 - 60 Watts 96 - 96 Watts 3x96 - 3x96 Watts		24 - 24 VDC

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

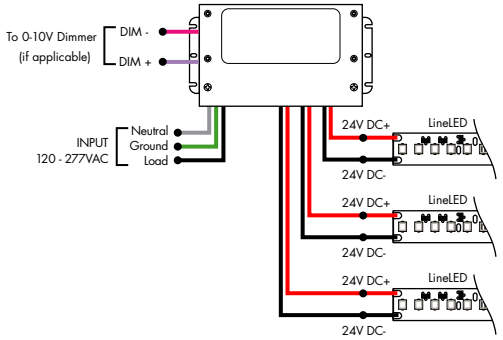
0-10V - 0.1% dimming
MLV/ELV/TRIAC - 0.1% dimming, consult dimming compatibility chart

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

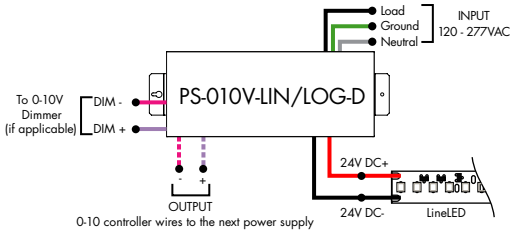


For use with Static White

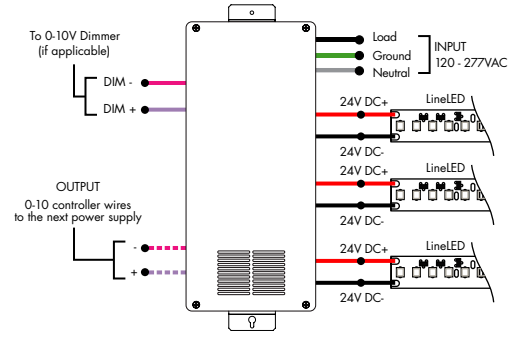
Ordering Code - 0-10V Dimming Power Supplies 0.1% 120VAC - 277VAC

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

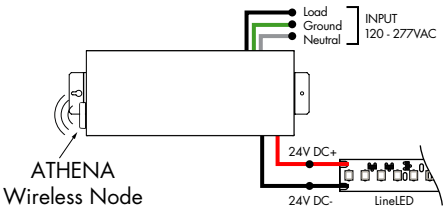
See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

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

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

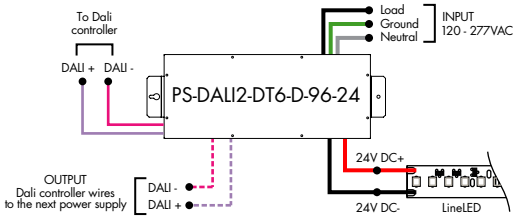


MODELS	96W
Length	14.40"
Width	5.20"
Depth	2.60"

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

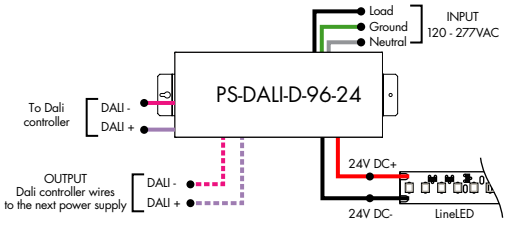


Model	96W
Length	14.40"
Width	5.20"
Depth	2.60"

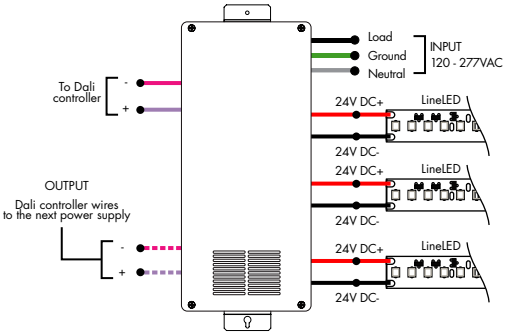
For use with Static White

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



PS-DALI-D-3X96-24



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

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.

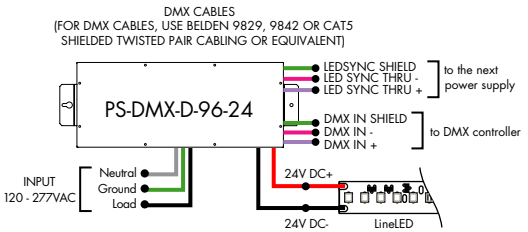
For use with Static White

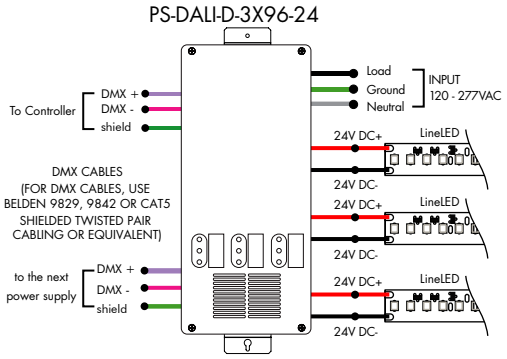
Ordering Code - DMX Dimming Power Supplies 0.1% 120VAC - 277VAC

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.



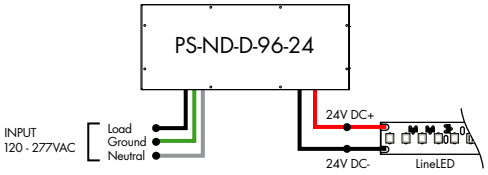


For use with Static White

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"

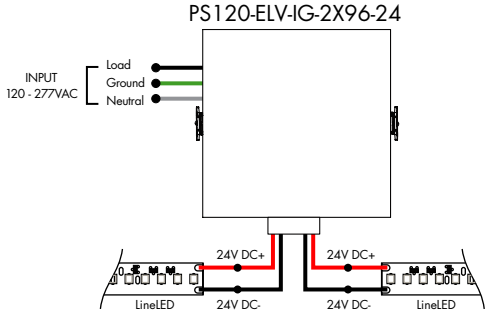


For use with Static White

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.

LUTRON®

Luminii is a Lutron OEM Advantage Partner

Lutron Power Supplies 1%

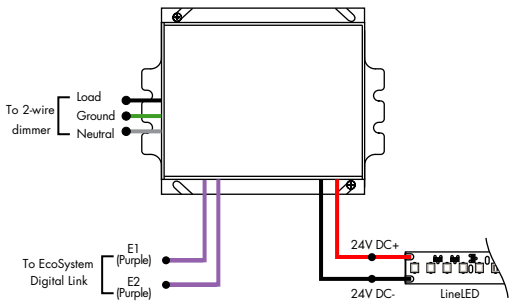
MODEL

L3DA4U1UKL-CV240

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

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

L3DA4U1UKN-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"

