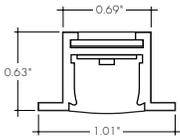




**Features**

- 24VDC Class 2 and IP68 rated for wet locations, fixtures made to order up to 144". Fixtures can be linked up to 90' depending on output
- Suitable for millwork, recessed, architectural reveals, handrail, outdoor, wet, and accent lighting applications
- Dot free even illumination with frosted lens
- Average Life (L70): 50,000hrs
- 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 97
- High Efficacy options offer best in class output and efficacy with over 680 lm/ft and up to 97 lm/W
- 5 year warranty



**Finish Options** (see page 3 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
Lumens Output (3000K) [with a Clear Lens]	77 lm/ft	197 lm/ft	262 lm/ft	346 lm/ft	418 lm/ft	557 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	70 lm/W	70 lm/W	71 lm/W	71 lm/W	71 lm/W	71 lm/W
Max Run Length [in series]	56.9 ft	32 ft	28 ft	24 ft	21 ft	18 ft
Ambient Operating Temperature Range*	-13°F - 122°F (-25°C - 50°C)		-13°F - 113°F (-25°C - 45°C)		-13°F - 104°F (-25°C - 40°C)	-13°F - 86°F (-25°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.

CCT	Multiplier (ref. - 30K)	TM-30			
		CRI	R <sub>f</sub>	R <sub>g</sub>	R <sub>9</sub>
2700K	0.79	96	89	95	97
3000K	1.00	96	93	97	87
3500K	1.03	97	94	99	89
4000K	1.05	96	95	101	90

TYPE	High Efficacy HE64					
OUTPUT OPTIONS	HE64VLO	HE64LO	HE64SO	HE64MO	HE64HO	HE64VHO
Lumens Output (3000K) [with a Clear Lens]	85 lm/ft	185 lm/ft	265 lm/ft	352 lm/ft	500 lm/ft	686 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	85 lm/W	97 lm/W	91 lm/W	93 lm/W	89 lm/W	97 lm/W
Max Run Length [in series]	90 ft	55 ft	34.9 ft	26 ft	17 ft	13 ft
Ambient Operating Temperature Range*	-13°F - 122°F (-25°C - 50°C)		-13°F - 104°F (-25°C - 40°C)		-13°F - 95°F (-25°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.

CCT	Multiplier (ref. - 30K)	TM-30			
		CRI	R <sub>f</sub>	R <sub>g</sub>	R <sub>9</sub>
2700K	0.90	96	89	94	74
3000K	1.00	96	91	97	69
3500K	1.05	97	92	101	78
4000K	1.09	96	90	99	73

**Ordering Code**

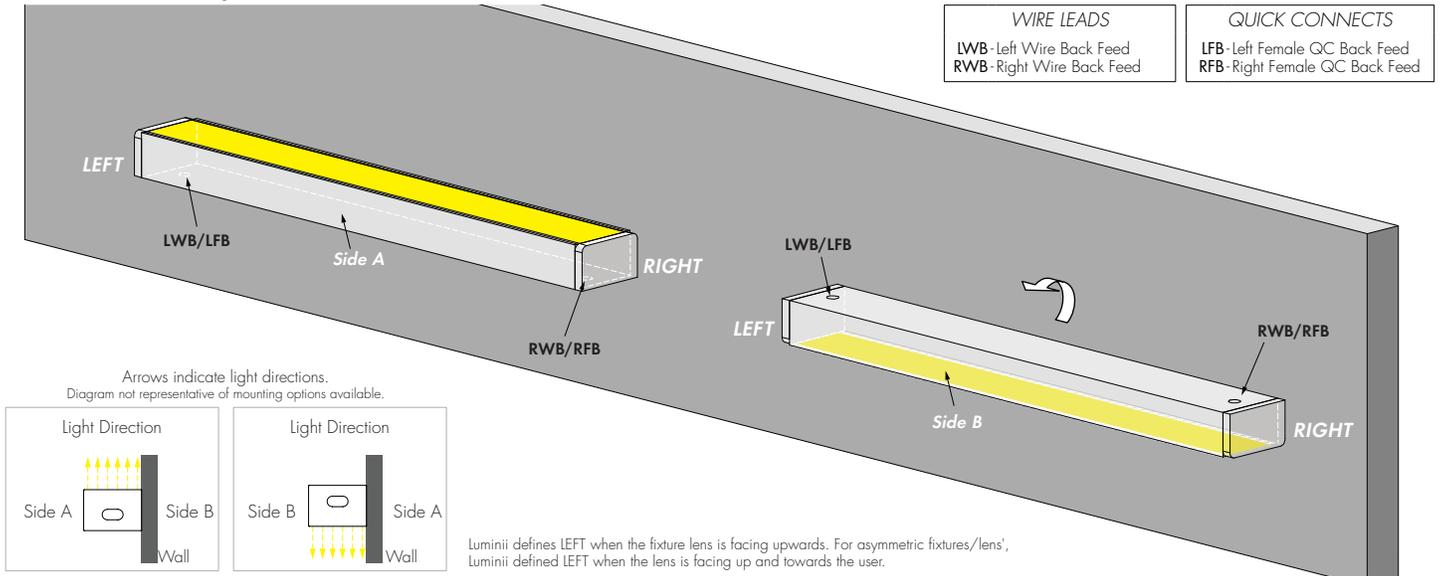
MODEL	LENGTH <sup>1</sup>	OUTPUT <sup>2</sup>	CCT	LENS	MOUNTING	FINISH <sup>3</sup>	FEED POSITION LEFT <sup>5</sup>	FEED POSITION RIGHT <sup>5</sup>
KRMW - Kendo M Recessed Wet	12"-144" 1" increments	VC72VLO - Very Low	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	C - Clear Lens F - Frosted GR - Narrow Beam Grazer	HS - Hard Surface Mounting Bracket GS - Gypsum Surface Mounting Bracket NB - No Bracket	BASE	WIRE LEADS (72") LWB - Wire Back Feed LNPF - No Power Feed	WIRE LEADS (72") RWB - Wire Back Feed RNPF - No Power Feed
		SA - Silver Anodized						
POWDER COAT								
BK - Black BZ - Bronze WH - White								
PREMIUM								
12"-144" 2" increments	HE64VLO - Very Low	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	C - Clear Lens F - Frosted GR - Narrow Beam Grazer	HS - Hard Surface Mounting Bracket GS - Gypsum Surface Mounting Bracket NB - No Bracket	MBK - Matte Black WN - Warm Nickel AB - Aged Brass PG - Polished Gold <sup>4</sup> CH - Chrome <sup>4</sup>	QUICK CONNECTS (6")	QUICK CONNECTS (6") LFB - Female Q/C, Back Feed LNPF - No Power Feed	RFB - Female Q/C, Back Feed RNPF - No Power Feed
	LFB - Female Q/C, Back Feed LNPF - No Power Feed							

1 - Custom lengths and increments are available, please consult Inside Sales with specific request.  
 2 - Title 24 JAB 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.

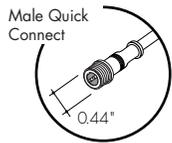
4 - Polished Gold finishes and Chrome finishes have a maximum fixture length of 96".  
 5 - LNPF - RNPF is not a valid configuration option

Powerfeeds and Connectors

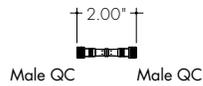
Power Feed Position Options and Orientation



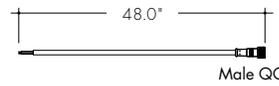
Linking and Extension Cable Options



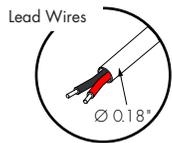
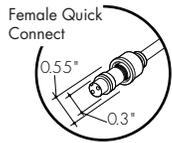
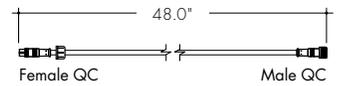
**WET-FMA-2-2**  
Female to Male Adapter, 2 pin



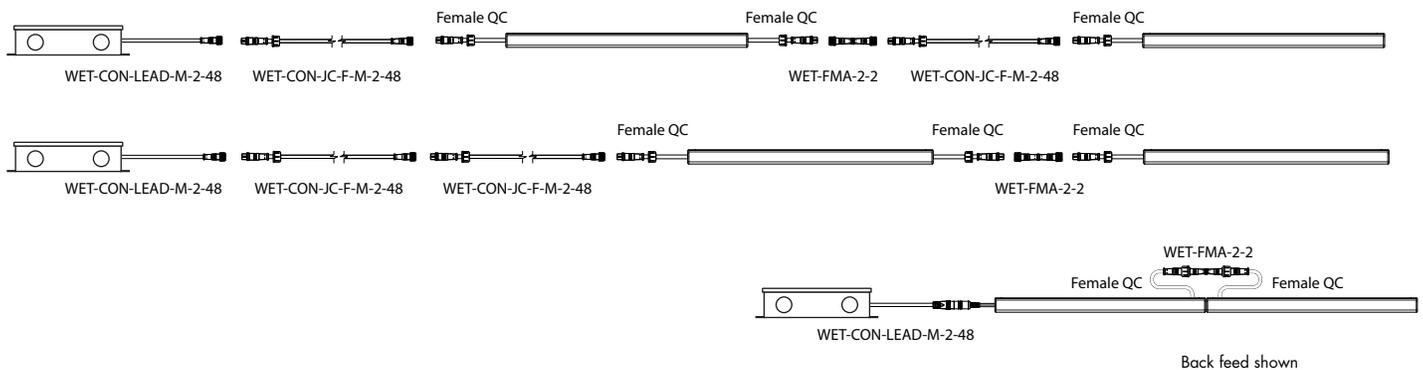
**WET-CON-LEAD-M-2-48**  
Male Wet Connector Cable, 2 pin, 48"



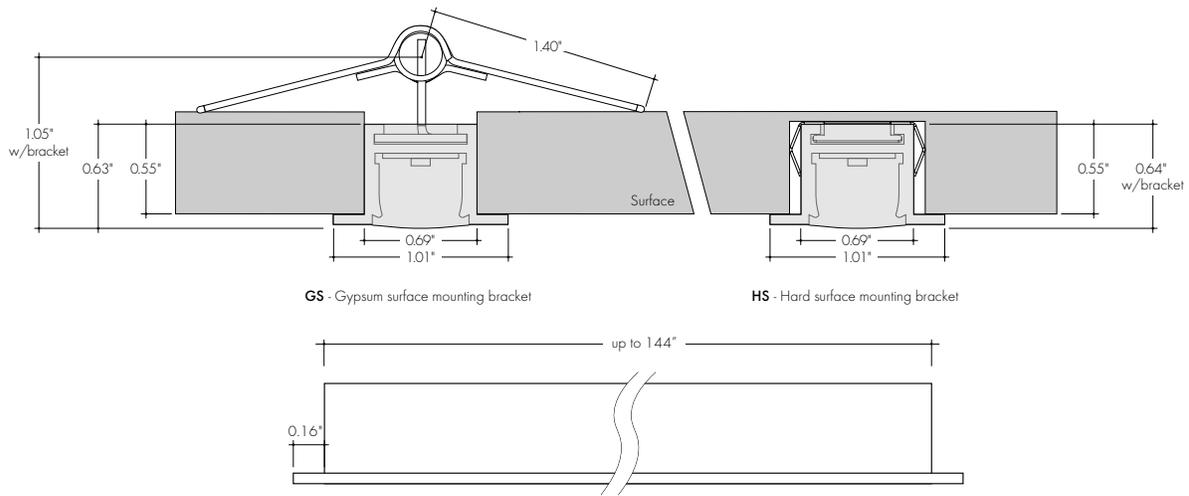
**WET-CON-JC-F-M-2-48**  
Female/Male Wet Jumper Cable, 2 pin, 48"



Sample Layout



**Product Dimensions**



Note: Spring Bracket minimum ceiling thickness is 3/8", maximum ceiling thickness for drywall is 5/8".

**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.
- 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**



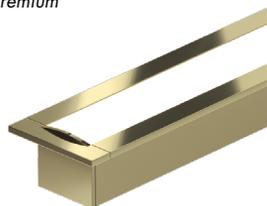
Warm Nickel is a soft, silvery smoke with warm tones and a satin finish.

**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.

Light Transmission and Dotting

Output Options	Lens/Accessory											
	Clear Lens				Frosted Lens				Narrow Beam Grazer			
Dimming Level	100%	50%	10%	1%	100%	50%	10%	1%	100%	50%	10%	1%
VC72VLO	CD	CD	CD	CD	ND	ND	ND	ND	CD	CD	CD	CD
VC72LO	CD	CD	CD	CD	ND	ND	ND	ND	CD	CD	CD	CD
VC72SO	CD	CD	CD	CD	ND	ND	ND	ND	CD	CD	CD	CD
VC72MO	CD	CD	CD	CD	ND	ND	ND	ND	CD	CD	CD	CD
VC72HO	CD	CD	CD	CD	ND	ND	ND	ND	CD	CD	CD	CD
VC72VHO	CD	CD	CD	CD	ND	ND	ND	ND	CD	CD	CD	CD
HE64VLO	CD	CD	CD	CD	ND	ND	ND	ND	CD	CD	CD	CD
HE64LO	CD	CD	CD	CD	ND	ND	ND	ND	CD	CD	CD	CD
HE64SO	CD	CD	CD	CD	ND	ND	ND	ND	CD	CD	CD	CD
HE64MO	CD	CD	CD	CD	ND	ND	ND	ND	CD	CD	CD	CD
HE64HO	CD	CD	CD	CD	ND	ND	ND	ND	CD	CD	CD	CD
HE64VHO	CD	CD	CD	CD	ND	ND	ND	ND	CD	CD	CD	CD
<b>Transmission Percentage</b>	100%				55%				87%			

Use complete Dotting Chart Tool online for more dotting information

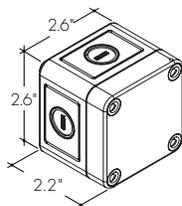


CD - Clear Dotting  
SD - Slight Dotting  
ND - No Dotting

Accessory Options

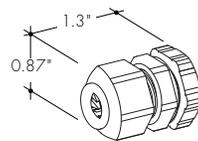
**LVSP-WET**

Splice box: wet rated, low voltage, gray, IP66



**LVSP-WET-CM**

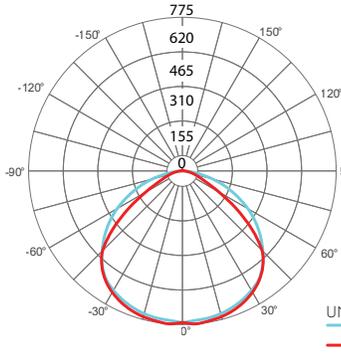
Connector for splice box, low voltage for cable management, gray.



Photometry

KRMW-48-VC72VHO-30K-C

Kendo RM Wet, 4ft, VHO, 3000K, Clear Lens



**Zonal Lumen Summary 3000K**

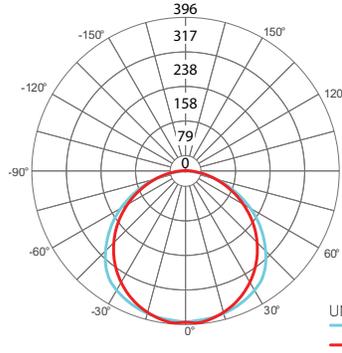
Zone	Lumen	% Fixture
0-30	154	28%
0-40	260	47%
0-60	457	82%
0-90	551	99%
<b>Total</b>	<b>557</b>	<b>100%</b>



UNIT: CD  
 — C0/180  
 — C90/270

KRMW-48-VC72VHO-30K-F

Kendo RM Wet, 4ft, VHO, 3000K, Frosted Lens



**Zonal Lumen Summary 3000K**

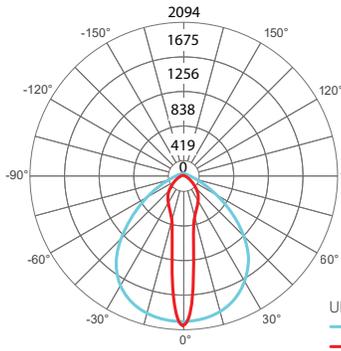
Zone	Lumen	% Fixture
0-30	77	25%
0-40	129	42%
0-60	232	76%
0-90	301	99%
<b>Total</b>	<b>305</b>	<b>100%</b>



UNIT: CD  
 — C0/180  
 — C90/270

KRMW-48-VC72VHO-30K-GR

Kendo RM Wet, 4ft, VHO, 3000K, Narrow Beam Grazer Lens



**Zonal Lumen Summary 3000K**

Zone	Lumen	% Fixture
0-30	202	42%
0-40	287	60%
0-60	419	87%
0-90	477	99%
<b>Total</b>	<b>483</b>	<b>100%</b>



UNIT: CD  
 — C0/180  
 — C90/270

**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, output, 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

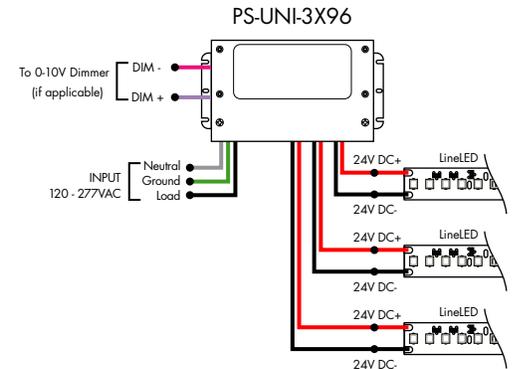
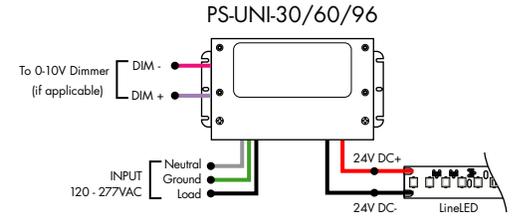
#### Ordering Code - Universal Dimming Power Supplies 0.1% 120VAC - 277VAC

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
<b>Length</b>	6.50"	7.40"	8.66"	11.85"
<b>Width</b>	3.73"	3.73"	3.73"	4.32"
<b>Depth</b>	1.61"	1.61"	1.61"	1.81"

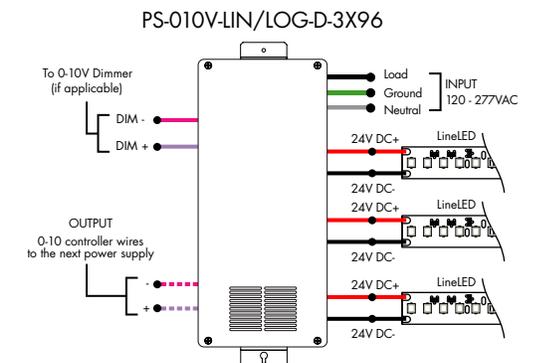
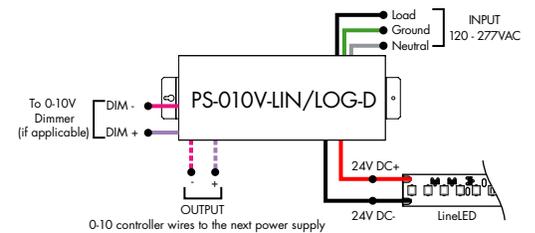


### For use with Static White

#### 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
<b>Length</b>	14.40"	15.00"
<b>Width</b>	5.20"	6.62"
<b>Depth</b>	2.60"	4.45"



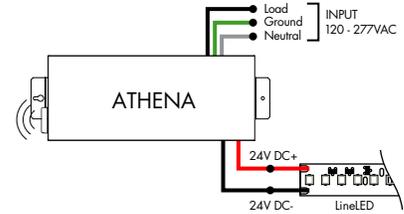
## Power Supplies

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	AWN-R-Athena

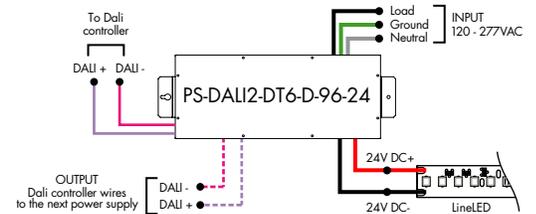


MODELS	96W
Length	14.40"
Width	5.20"
Depth	2.60"

### 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

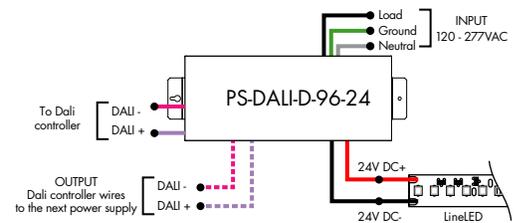


Model	96W
Length	14.40"
Width	5.20"
Depth	2.60"

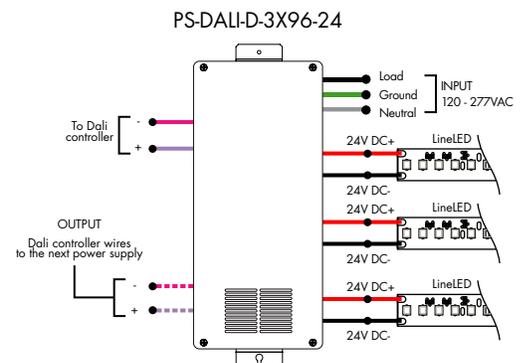
### For use with Static White

#### 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"



**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.

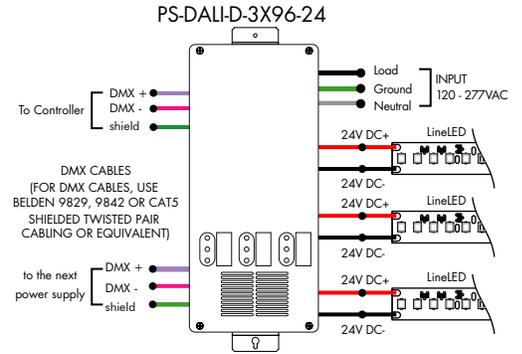
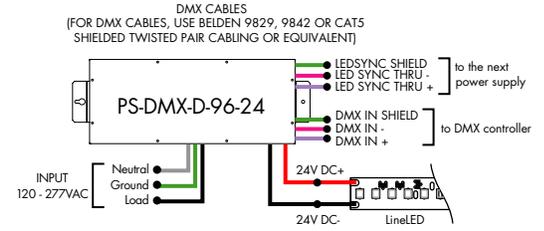
**For use with Static White**

**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
<b>Length</b>	14.40"	15.00"
<b>Width</b>	5.20"	6.62"
<b>Depth</b>	2.60"	4.56"

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

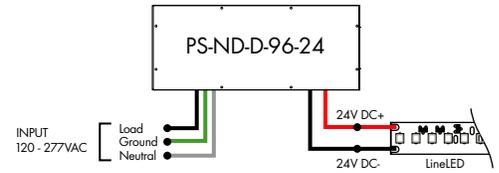


**For use with Static White**

**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
<b>Length</b>	14.40"
<b>Width</b>	5.20"
<b>Depth</b>	2.60"

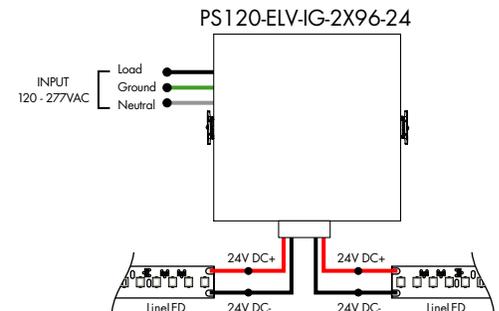


**For use with Static White**

**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
<b>Length</b>	8.40"
<b>Width</b>	8.30"
<b>Depth</b>	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.



Luminii is a Lutron OEM Advantage Partner

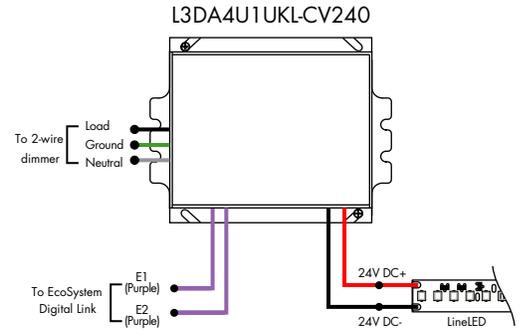
Lutron Power Supplies 1%

MODEL

**L3DA4U1UKL-CV240**

HiLume™ 1% EcoSystem Voltage LED driver 40W max

MODELS	L3DA4U1UKL-CV240
<b>Length</b>	4.98"
<b>Width</b>	4.00"
<b>Depth</b>	2.62"



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
<b>Length</b>	10.50"
<b>Width</b>	5.50"
<b>Depth</b>	2.00"

