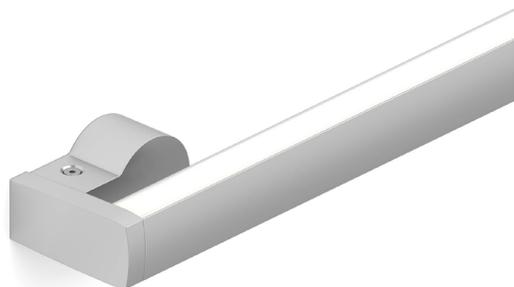


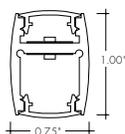
Features



- Extruded aluminum linear wall mount system providing both direct and indirect light.
- 24VDC Class 2 fixtures made to order up to 96".
- Suitable for wall mount applications
- Class 2 listed for damp locations
- Dot free even illumination with Frosted Lens
- Direct lumens output is 42.5% of total lumens output from Technical Information
- Proprietary strong bond solder method handles up to 50 lbs of pull force on wire leads and connectors
- Warm Dim follows the incandescent dimming curve and is compatible with MLV, ELV, and Incandescent dimmers.
- Average Life (L70): 50,000hrs
- 7 Year warranty



Warm Dimming



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	Warm Dim		
	2x WD51 (18K-30K)		
OUTPUT OPTIONS	SO	HO	VHO
Lumens Output <small>(All On w/ Frosted Lens)</small>	169 lm/ft	356 lm/ft	506 lm/ft
Average Power Consumption <small>(for a 4' section)</small>	4.6 W/ ft	9.5 W/ ft	13.8 W/ ft
Efficacy	37 lm/W	37 lm/W	37 lm/W
Max Run Length <small>(in series)</small>	18.5 ft	11 ft	7.5 ft
Ambient Operating Temperature Range*	-4°F - 122°F <small>(-20°C - 50°C)</small>	-4°F - 104°F <small>(-20°C - 40°C)</small>	-4°F - 77°F <small>(-20°C - 25°C)</small>
Control/Dimming Protocol	0-10V, DALI, DALI2, MLV (Triac), ELV, Incandescent		

CCT	Multiplier <small>(ref. - 18K30K)</small>	TM-30			
		CRI	R _f	R _g	R ₉
18K24K	1800K	92	85	91	86
	2400K	96	95	104	97
18K27K	1800K	92	85	91	86
	2700K	96	95	104	96
18K30K	1800K	92	85	91	86
	3000K	95	95	104	90

*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.

Ordering Code

MODEL	LENGTH ¹	OUTPUT	CCT	LENS	MOUNTING	FINISH ²	FEED POSITION LEFT ⁴	FEED POSITION RIGHT ⁴
LUCW - Luceo Wall	24"-96" 2" increments	WD51SO - Standard WD51HO - High WD51VHO - Very High	18K24K - 1800K - 2400K 18K27K - 1800K - 2700K 18K30K - 1800K - 3000K	F - Frosted	RND - Round Brackets REC - Rectangle Brackets	<p>BASE</p> <p>SA - Silver Anodized</p> <hr/> <p>POWDER COAT</p> <p>BK - Black BZ - Bronze WH - White</p> <hr/> <p>PREMIUM</p> <p>MBK - Matte Black WN - Warm Nickel AB - Aged Brass PG - Polished Gold³ CH - Chrome³</p>	<p>WIRE LEADS (72")</p> <p>LWB - Wire Back Feed LNPF - No Power Feed</p>	<p>WIRE LEADS (72")</p> <p>RWB - Wire Back Feed RNPF - No Power Feed</p>

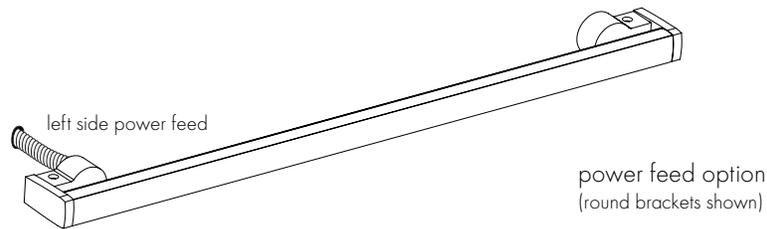
1 - Custom lengths and increments are available, please consult Inside Sales with specific request.

2 - Non Base finishes may have extended lead times. Custom RALs are available, please consult Inside Sales with specific request.

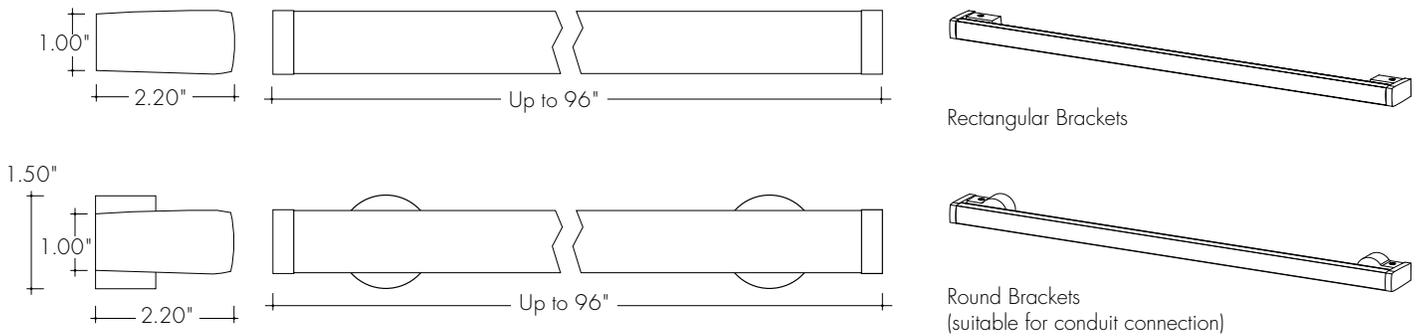
3 - Polished Gold finishes and Chrome finishes have a maximum fixture length of 96".

4 - LNPF - RNPF is not a valid configuration option

Power Feed Options



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.

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



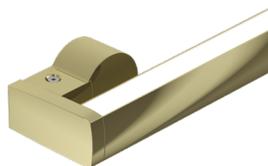
Warm Nickel is a soft, silvery smoke with warm tones and a satin finish.

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			
	Frosted Lens			
Dimming Level	100%	50%	10%	1%
WD51SO	ND	ND	ND	ND
WD51HO	ND	ND	ND	ND
WD51VHO	ND	ND	ND	ND
Transmission Percentage	100%			

Use complete Dotting Chart Tool online for more dotting information



I'm also click-able



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

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 fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

For use with Warm Dim

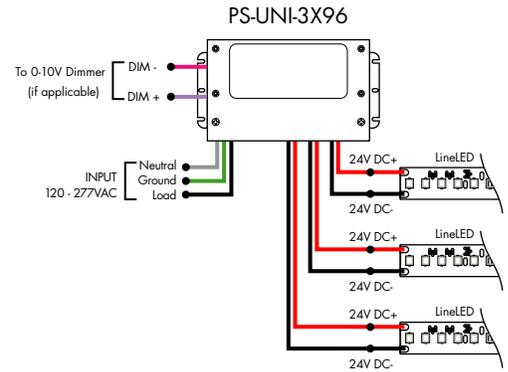
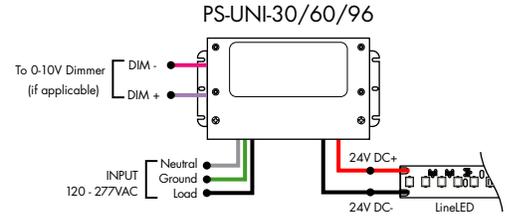
Ordering Code - Universal Dimming Power Supplies 0.1% 120VAC - 277VAC

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

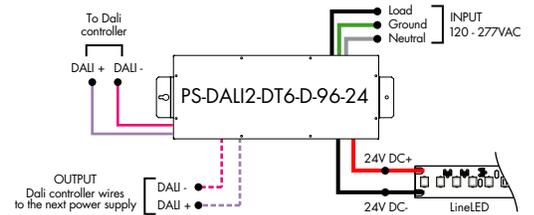
MODELS	PS-UNI-30W	PS-UNI-60W	PS-UNI-96W	PS-UNI-3X96W
Length	6.50"	7.40"	8.66"	11.85"
Width	3.73"	3.73"	3.73"	4.32"
Depth	1.61"	1.61"	1.61"	1.81"



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"



Power Supplies

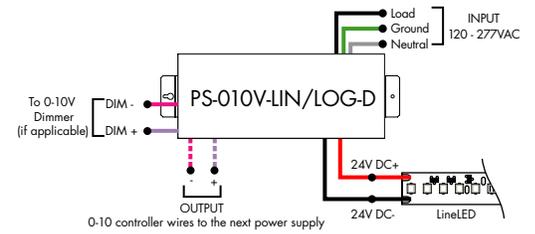
See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

For use with Warm Dim

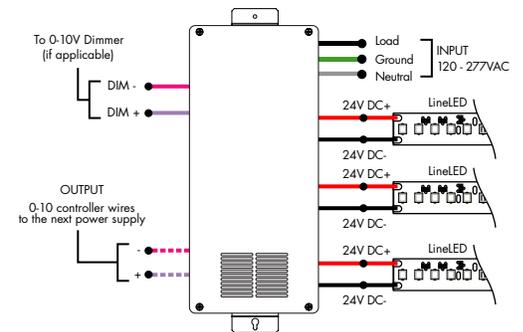
Ordering Code - 0-10V Dimming Power Supplies 0.1% 120VAC - 277VAC

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



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	AWNDR - Athena

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

