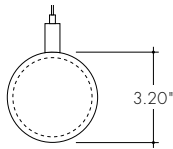




Features

- 24VDC Class 2 fixtures made to order up to 96".
- 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 1150 lm/ft and up to 106 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		High Efficacy HE64		
OUTPUT OPTIONS	VC72VLO	VC72LO	HE64VLO	HE64LO	HE64SO
Lumens Output (3000K) (with a Frosted Lens)	337 lm/ft	859 lm/ft	373 lm/ft	806 lm/ft	1156 lm/ft
Average Power Consumption (for a 4" section)	4.4 W/ft	11.2 W/ft	4 W/ft	7.6 W/ft	11.6 W/ft
Efficacy	77 lm/W	77 lm/W	93 lm/W	106 lm/W	100 lm/W
Max Run Length (in series)	14.2 ft	8 ft	22.5 ft	13.5 ft	8.7 ft
Ambient Operating Temperature Range*	-4°F - 122°F (-20°C - 50°C)	-4°F - 95°F (-20°C - 35°C)	-4°F - 122°F (-20°C - 50°C)	-4°F - 122°F (-20°C - 50°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)	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

High Efficacy (HE64)

CCT	Multiplier (ref. - 30K)	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

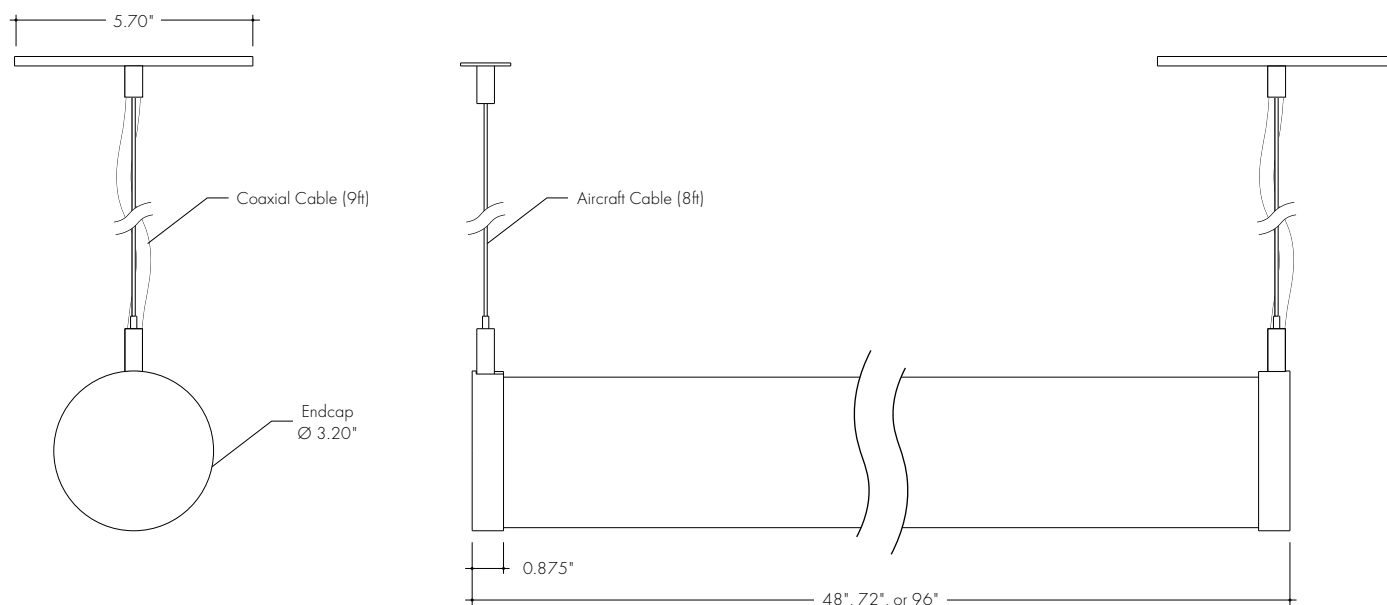
MODEL	ORIENTATION	LENGTH ¹	OUTPUT	CCT	LENS ²	FINISH ³	POWERFEED
SCT-Scout	HR-Horizontal	48-48" 72-72" 96-96"	VC72VLO-Very Low VC72LO-Low	18K-1800K 22K-2200K 24K-2400K 27K-2700K 30K-3000K 35K-3500K 41K-4100K	F-Frosted	BASE SA-Silver Anodized	R-Remote power supply INT120-Lutron Hi-Lume A Series ELV dimming, Integral power supply 120VAC, MAX 40W, see wattage chart for compatibility INT277-LTF ELV dimming, Integral power supply 277VAC, MAX 60W, see wattage chart for compatibility INTECO-Lutron Hi-Lume A Series L3D Integral power supply 120-277VAC Ecosystem, MAX 40W, see wattage chart for compatibility
			HE64VLO-Very Low HE64LO-Low HE64SO-Standard	22K-2200K 24K-2400K 27K-2700K 30K-3000K 35K-3500K 40K-4000K		PREMIUM MBK-Matte Black WN-Warm Nickel AB-Aged Brass PG-Polished Gold ⁴ CH-Chrome ⁴	

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.

Product Dimensions



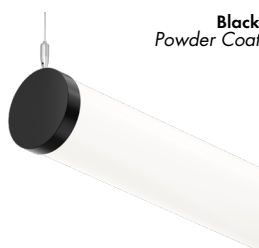
Finish Options

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



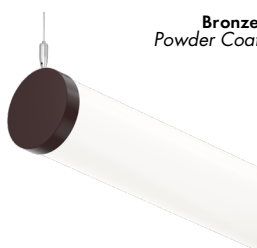
Silver Anodized
Base

Silver Anodized is a soft silver with a clear finish.



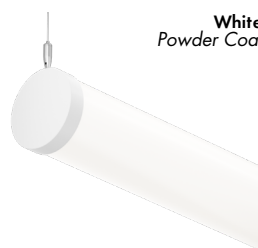
Black
Powder Coat

Black is a true deep black with a glossy finish.



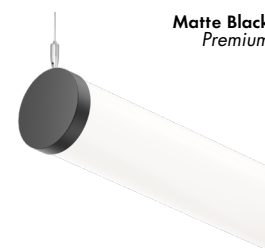
Bronze
Powder Coat

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%
VC72VLO	ND	ND	ND	ND
VC72LO	ND	ND	ND	ND
HE64VLO	ND	ND	ND	ND
HE64LO	ND	ND	ND	ND
HE64SO	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

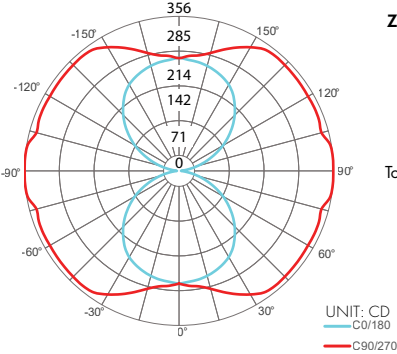
SD - Slight Dotting

ND - No Dotting

Photometry

SCTHR-48-VC72LO-F

Scout Horizontal, 4ft, LO, 3000K, Frosted Lens



Zonal Lumen Summary 3000K

Zone	Lumen	% Fixture
0-30	83	7%
0-40	148	13%
0-60	312	27%
0-90	572	50%
Total 0-180	1143	100%

Beam Angle



180°

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

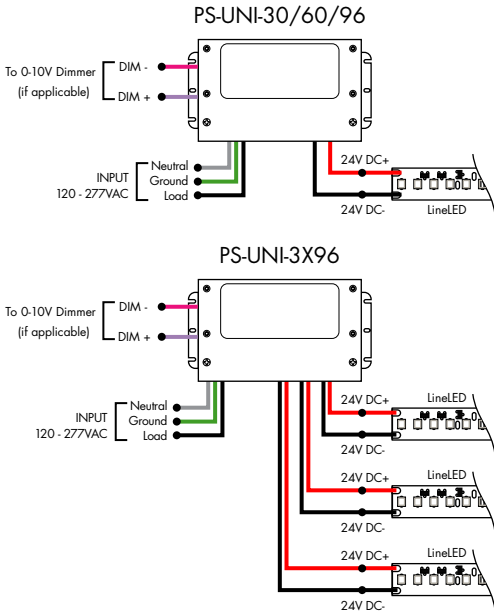
Ordering Code - Universal Dimming Power Supplies 0.1% 120VAC - 277VAC

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
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"

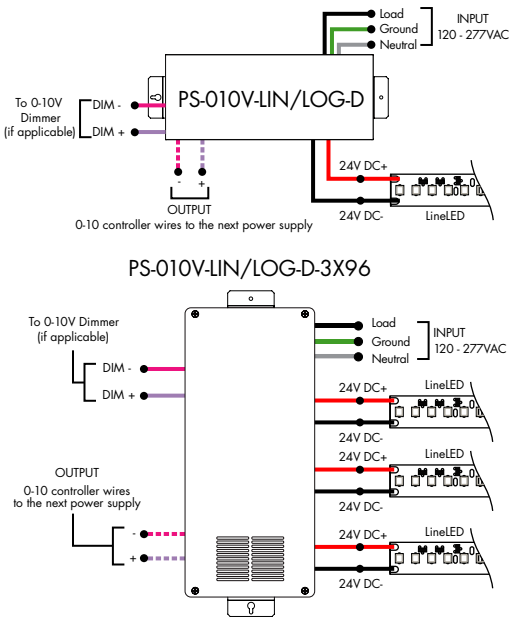


For use with Static White

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"



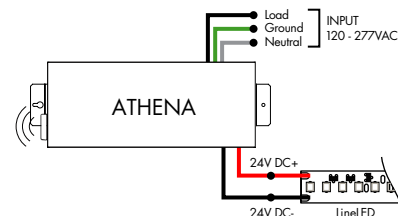
Power Supplies

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	AWNDR-Athena

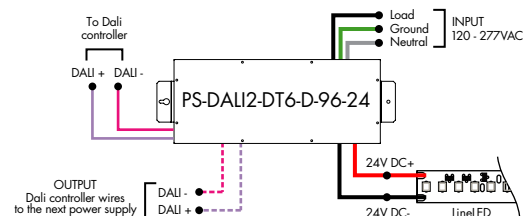


MODELS	96W
Length	14.40"
Width	5.20"
Depth	2.60"

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

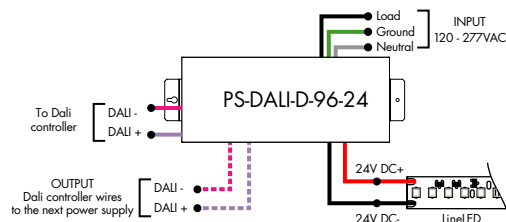


Model	96W
Length	14.40"
Width	5.20"
Depth	2.60"

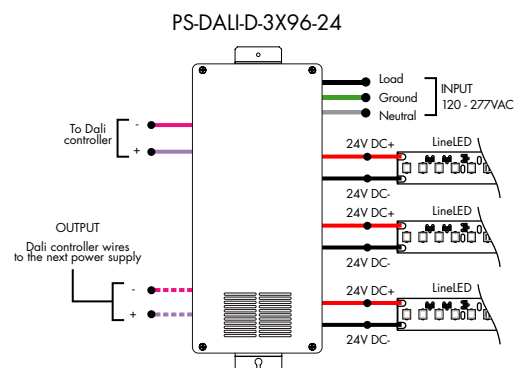
For use with Static White

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.

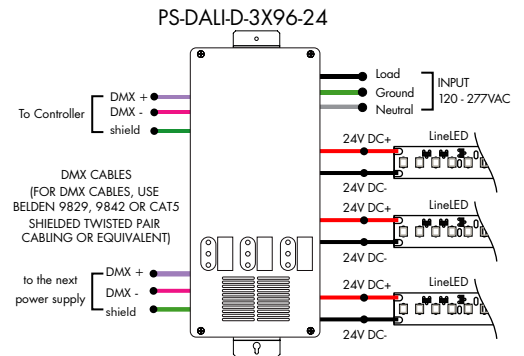
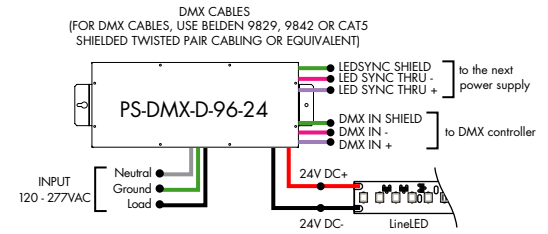
For use with Static White

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
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.

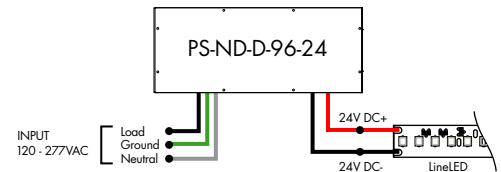


For use with Static White

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"

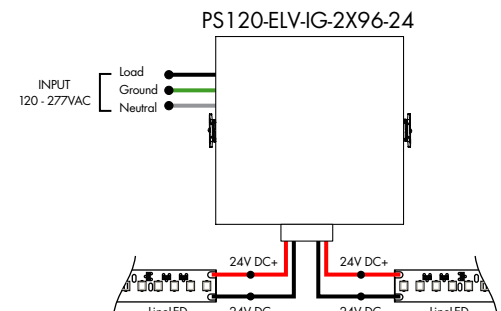


For use with Static White

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.



Luminii is a Lutron OEM Advantage Partner

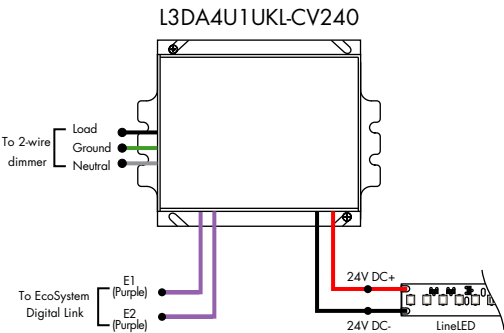
Lutron Power Supplies 1%

MODEL

L3DA4U1UKL-CV240

HiLume™ 1% EcoSystem Voltage LED driver 40W max

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



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"

