

Features

- 24VDC Class 2 fixtures made to order up to 144". Fixtures can be linked up to 90' depending on output
- Suitable for grazer, surface mount, architectural reveals, handrail, and accent lighting applications. and surface mount applications
- 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
- Dot free even illumination with frosted lens
- 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 with up to 930 lm/ft and up to 132 lm/W
- Average Life (L70): 50,000hrs
- 7 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 Narrow Beam Grazer)	72 lm/ft	185 lm/ft	246 lm/ft	325 lm/ft	393 lm/ft	523 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	65 lm/W	66 lm/W	66 lm/W	66 lm/W	67 lm/W	66 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)				-4°F - 95°F (-20°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.

TYPE	High Efficacy HE64					
OUTPUT OPTIONS	HE64VLO	HE64LO	HE64SO	HE64MO	HE64HO	HE64VHO
Lumens Output (3000K) (with a Narrow Beam Grazer)	80 lm/ft	173 lm/ft	248 lm/ft	331 lm/ft	470 lm/ft	644 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	80 lm/W	91 lm/W	86 lm/W	87 lm/W	84 lm/W	91 lm/W
Max Run Length (in series)	90 ft	54 ft	34.9 ft	26 ft	17 ft	13 ft
Ambient Operating Temperature Range*	-4°F - 122°F (-20°C - 50°C)				-4°F - 113°F (-20°C - 45°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	R _f	R _g	R ₉	TM-30
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	R _f	R _g	R ₉	TM-30
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	MOUNTING	FINISH ³	FEED POSITION LEFT ⁵	FEED POSITION RIGHT ⁵	ACCESSORIES
KM-Kendo M	12"-144" 1" increments	VC72VLO-Very Low VC72LO-Low VC72SO-Standard VC72MO-Medium VC72HO-High VC72VHO-Very High	18K-1800K 22K-2200K 24K-2400K 27K-2700K 30K-3000K 35K-3500K 41K-4100K	GR-Narrow Beam Grazer	FC-Fixed Clip A-Adjustable Hinge Mounting FC45-Fixed Clip, 45° MAG-Magnetic	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	WIRE LEADS (72") LWE-Wire End Feed LWB-Wire Back Feed LWSA-Wire Side A Feed LWSB-Wire Side B Feed LNPF-No Power Feed	WIRE LEADS (72") RWE-Wire End Feed RWB-Wire Back Feed RWSA-Wire Side A Feed RWSB-Wire Side B Feed RNPF-No Power Feed	---N/A, leave blank BLS-Blade lower, Silver BLBK-Blade lower, Black BLWH-Blade lower, White GSS-Glare shield, Silver GSBK-Glare shield, Black GSWH-Glare shield, White
	12"-144" 2" increments	HE64VLO-Very Low HE64LO-Low HE64SO-Standard HE64MO-Medium HE64HO-High HE64VHO-Very High	22K-2200K 24K-2400K 27K-2700K 30K-3000K 35K-3500K 40K-4000K				QUICK CONNECTS (4") LFE-Female Q/C, End Feed LFB-Female Q/C, Back Feed LFSA-Female Q/C, Side A Feed LFSB-Female Q/C, Side B Feed LNPF-No Power Feed	QUICK CONNECTS (4") RFE-Female Q/C, End Feed RFB-Female Q/C, Back Feed RFSA-Female Q/C, Side A Feed RFSB-Female Q/C, Side B Feed RNPF-No Power Feed	

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.

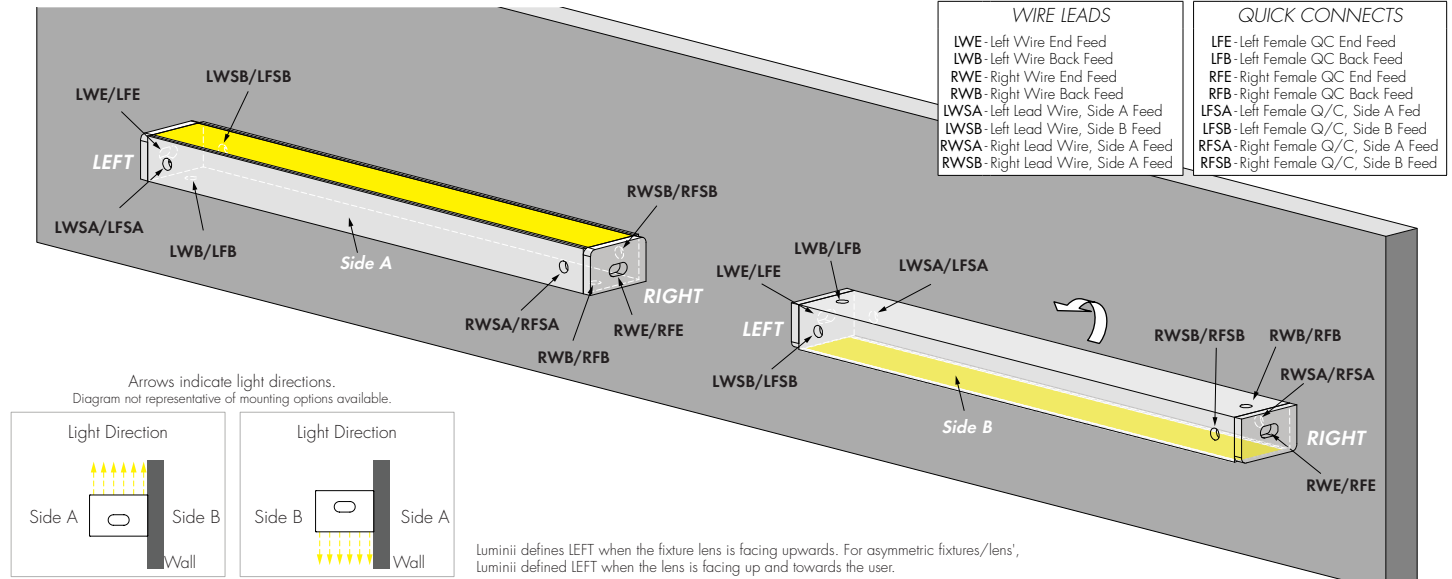
3 - Non Base finishes may have extended lead times. Custom RALs are available, please consult Inside Sales with specific request.

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

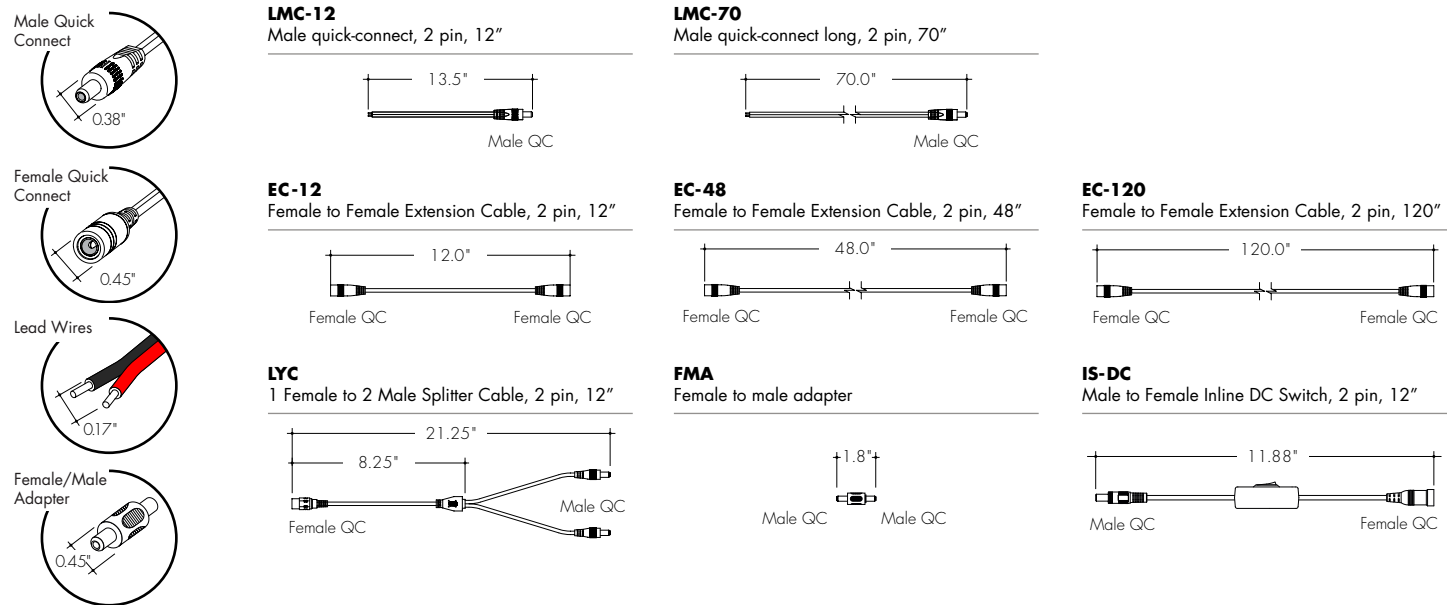
5 - LNPF - RNPF is not a valid configuration option

Powerfeeds and Connectors

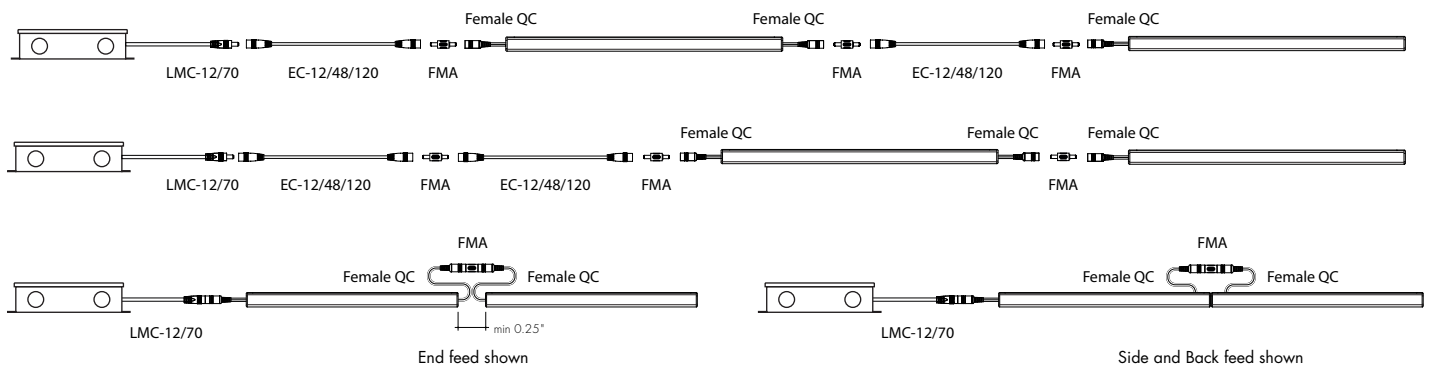
Power Feed Position Options and Orientation



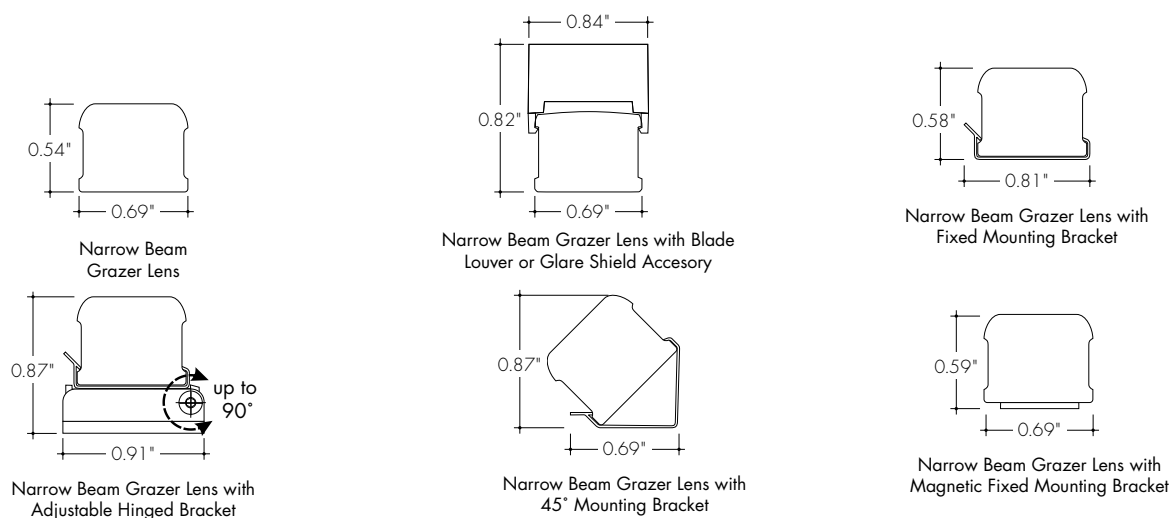
Linking and Extension Cable Options



Sample Layout



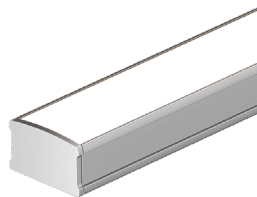
Product Dimensions



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 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



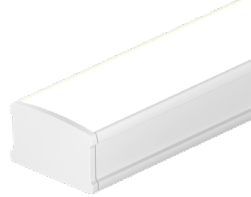
Black is a true deep black with a glossy finish.

Bronze Powder Coat



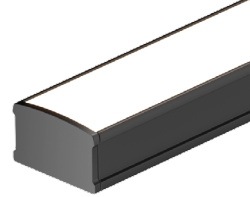
Bronze is a rich, dark brown with a satin finish.

White Powder Coat



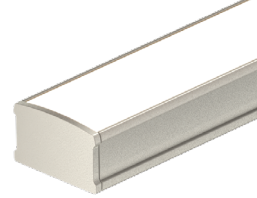
White is a polar bright white and field paintable.

Matte Black Premium



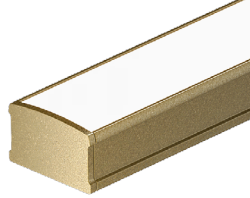
Matte Black is a dark, pitch-black with a soft flat finish.

Warm Nickel Premium



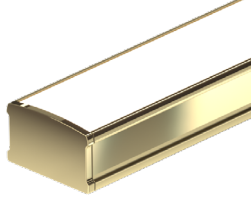
Warm Nickel is a soft, silvery smoke with warm tones and a satin finish.

Aged Brass Premium



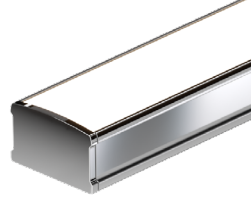
Aged Brass is a deep brown shade with slightly golden undertones.

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			
	Narrow Beam Grazer			
Dimming Level	100%	50%	10%	1%
VC72VLO	CD	CD	CD	CD
VC72LO	CD	CD	CD	CD
VC72SO	CD	CD	CD	CD
VC72MO	CD	CD	CD	CD
VC72HO	CD	CD	CD	CD
VC72VHO	CD	CD	CD	CD
HE64VLO	CD	CD	CD	CD
HE64LO	CD	CD	CD	CD
HE64SO	CD	CD	CD	CD
HE64MO	CD	CD	CD	CD
HE64HO	CD	CD	CD	CD
HE64VHO	CD	CD	CD	CD
Transmission Percentage	100%			



CD - Clear Dotting

SD - Slight Dotting

ND - No Dotting

Use complete Dotting Chart Tool online for more dotting information

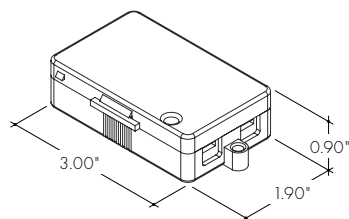


I'm also click-able

Accessory Options

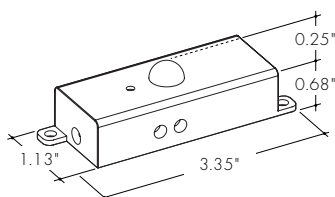
LVSP-4T-BK

Low Voltage, 4 Terminal Splice Box, Black, IP20



OS-DC-F4-BK

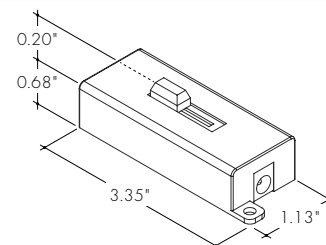
Occupancy Sensor



Male Quick Connect, FMA, LMC, LYC, or IS-DC are required for input and output.

DIM-DC-F4-BK

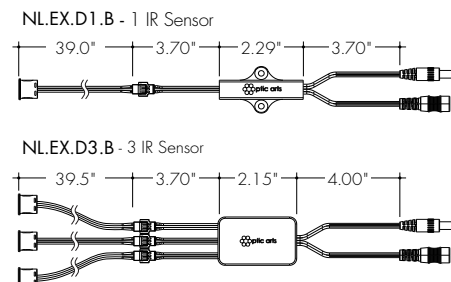
24VDC Low Voltage In-line Dimmer Module



Male Quick Connect, FMA, LMC, LYC, or IS-DC are required for input and output.

NL.EX.D1.B & NL.EX.D3.B

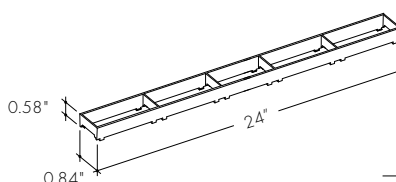
Near Infrared Remote Door Sensor



Male Quick Connect, FMA, LMC, LYC, or IS-DC are required for input and output. For more information visit Sensor Spec Sheet [\(Link\)](#)

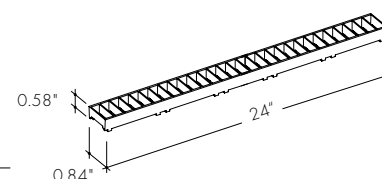
LV-GS-KMSC-24-XX

Glare Shield reduces glare at high angle, field cuttable. Also available with complete fixture, use ordering code -GSXX



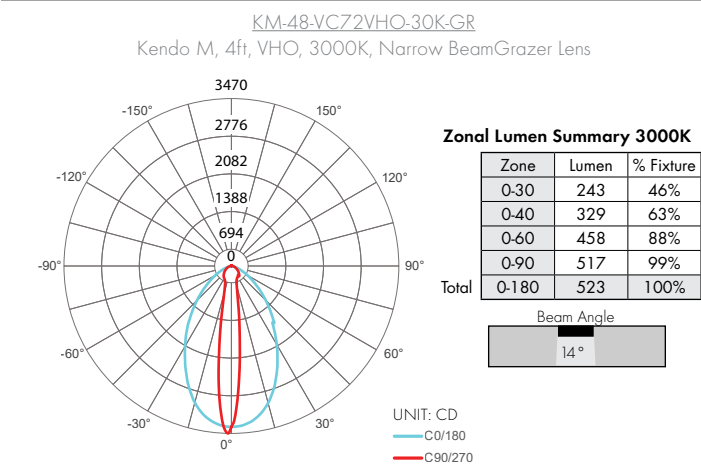
LV-BL-KMSC-24-XX

Blade Louver reduces glare at high angle in two directions. Also available with complete fixture, use ordering code -BLXX



XX	Color
WH	White
BK	Black
SL	Silver

Photometry



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.



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

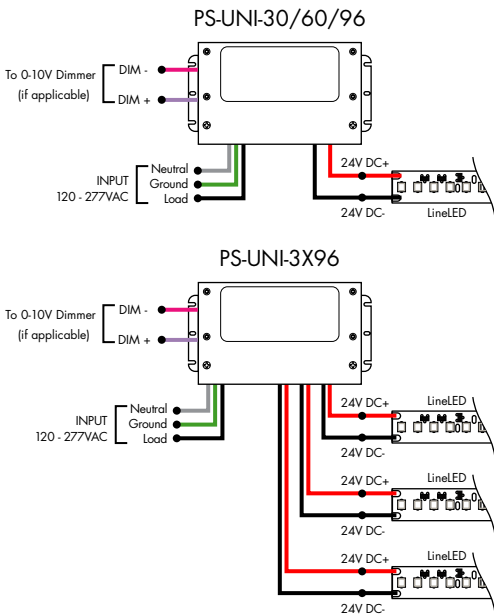
Ordering Code - Universal Dimming Power Supplies 0.1% 120VAC - 277VAC

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"

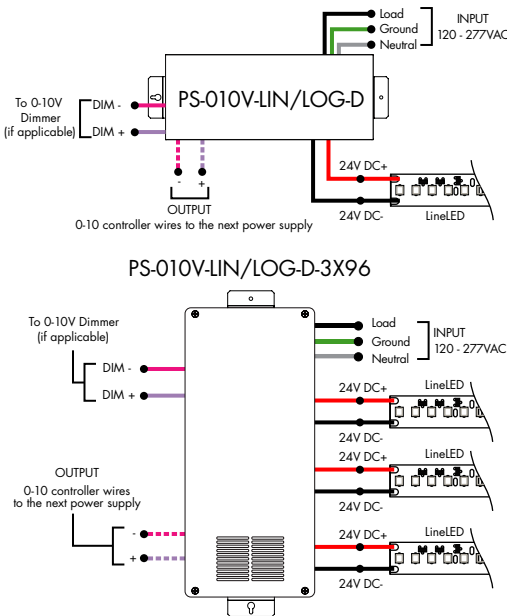


For use with Static White

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"



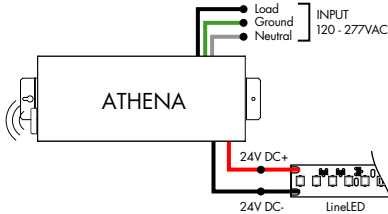
Power Supplies

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

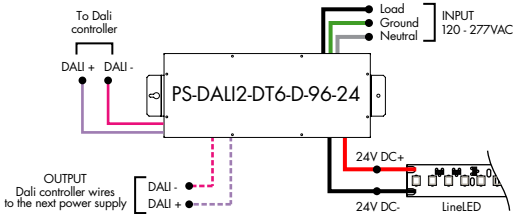


MODELS	96W
Length	14.40"
Width	5.20"
Depth	2.60"

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

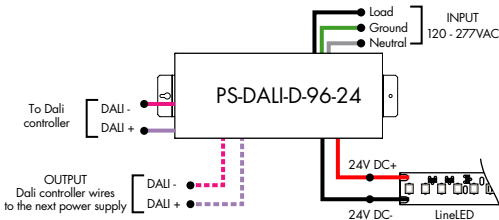


Model	96W
Length	14.40"
Width	5.20"
Depth	2.60"

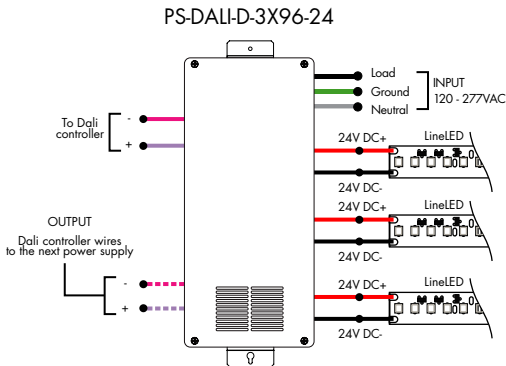
For use with Static White

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.

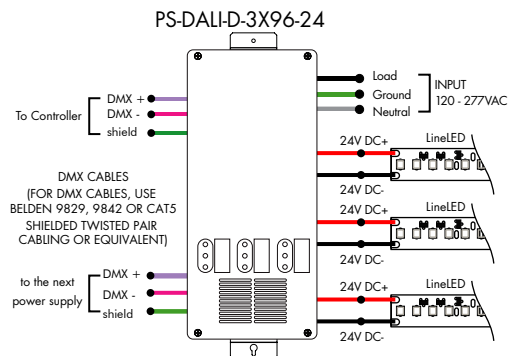
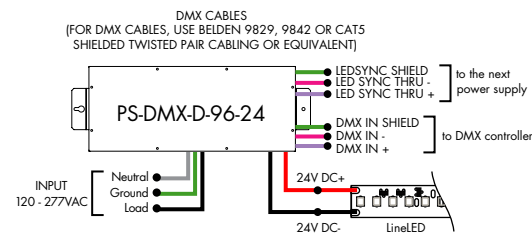
For use with Static White

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.

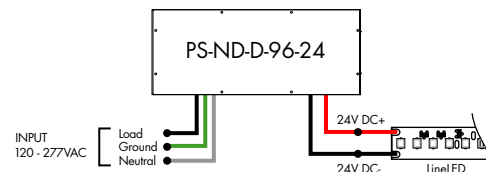


For use with Static White

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"

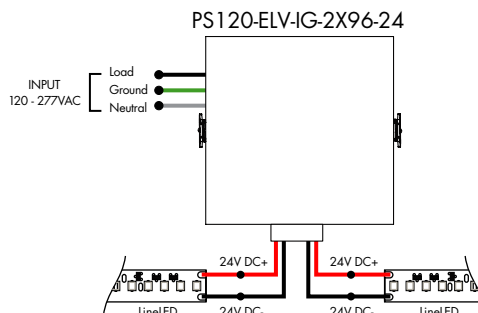


For use with Static White

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

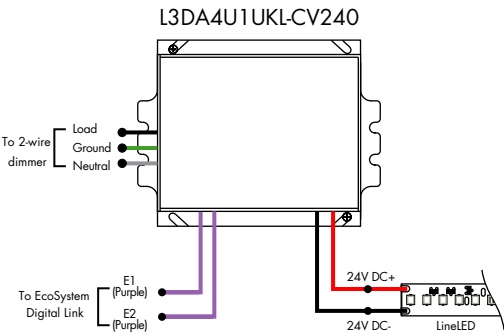
Lutron Power Supplies 1%

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"

