

Features

- Extruded aluminum linear suspension system utilizing double rows of LEDs
- Includes 8' silver adjustable cable
- 24VDC Class 2 fixtures made to order up to 144". Fixtures can be linked together to form one continuous run
- Class 2 listed for damp locations
- Dot free even illumination with frosted lens
- Continuous Lens may be ordered separately for multi-fixture runs to create an even, seamless appearance
- Vibrant Color options offer premium color quality with R9 values up to 98
- High Efficacy options offer best in class output and efficacy with over 1710 lm/ft and up to 121 lm/W
- Proprietary strong bond solder method handles up to 50 lbs of pull force on wire leads and connectors
- Average Life (L70): 50,000hrs
- 7 year warranty

Finish Options (see page 2 for additional information)

Base	<input type="checkbox"/> Silver Anodized
Powder Coat	<input type="checkbox"/> Black <input type="checkbox"/> Bronze <input type="checkbox"/> White
Premium	<input type="checkbox"/> Matte Black <input type="checkbox"/> Warm Nickel <input type="checkbox"/> Aged Brass <input type="checkbox"/> Polished Gold <input type="checkbox"/> Chrome



Technical Information

TYPE	Vibrant Color VC72					
OUTPUT OPTIONS	2x VC72VLO	2x VC72LO	2x VC72SO	2x VC72MO	2x VC72HO	2x VC72VHO
Lumens Output (3000K) [with a Frosted Lens]	193 lm/ft	491 lm/ft	654 lm/ft	864 lm/ft	1045 lm/ft	1392 lm/ft
Average Power Consumption (for a 4' section)	2.2 W/ft	5.6 W/ft	7.4 W/ft	9.8 W/ft	11.8 W/ft	15.8 W/ft
Efficacy	88 lm/W	88 lm/W	88 lm/W	88 lm/W	89 lm/W	88 lm/W
Max Run Length (individual fixture)	28.5 ft	16 ft	14 ft	12 ft	10.5 ft	9 ft
Ambient Operating Temperature Range*	-4°F - 122°F (-20°C - 50°C)				-4°F - 104°F (-20°C - 40°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 _f	R _g	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

TYPE	High Efficacy HE64					
OUTPUT OPTIONS	2x HE64VLO	2x HE64LO	2x HE64SO	2x HE64MO	2x HE64HO	2x HE64VHO
Lumens Output (3000K) [with a Frosted Lens]	214 lm/ft	461 lm/ft	661 lm/ft	879 lm/ft	1249 lm/ft	1713 lm/ft
Average Power Consumption (for a 4' section)	2 W/ft	3.8 W/ft	5.8 W/ft	7.6 W/ft	11.2 W/ft	14.2 W/ft
Efficacy	107 lm/W	121 lm/W	114 lm/W	116 lm/W	112 lm/W	121 lm/W
Max Run Length (individual fixture)	45 ft	27.4 ft	17.4 ft	13 ft	8.5 ft	6.5 ft
Ambient Operating Temperature Range*	-4°F - 122°F (-20°C - 50°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.

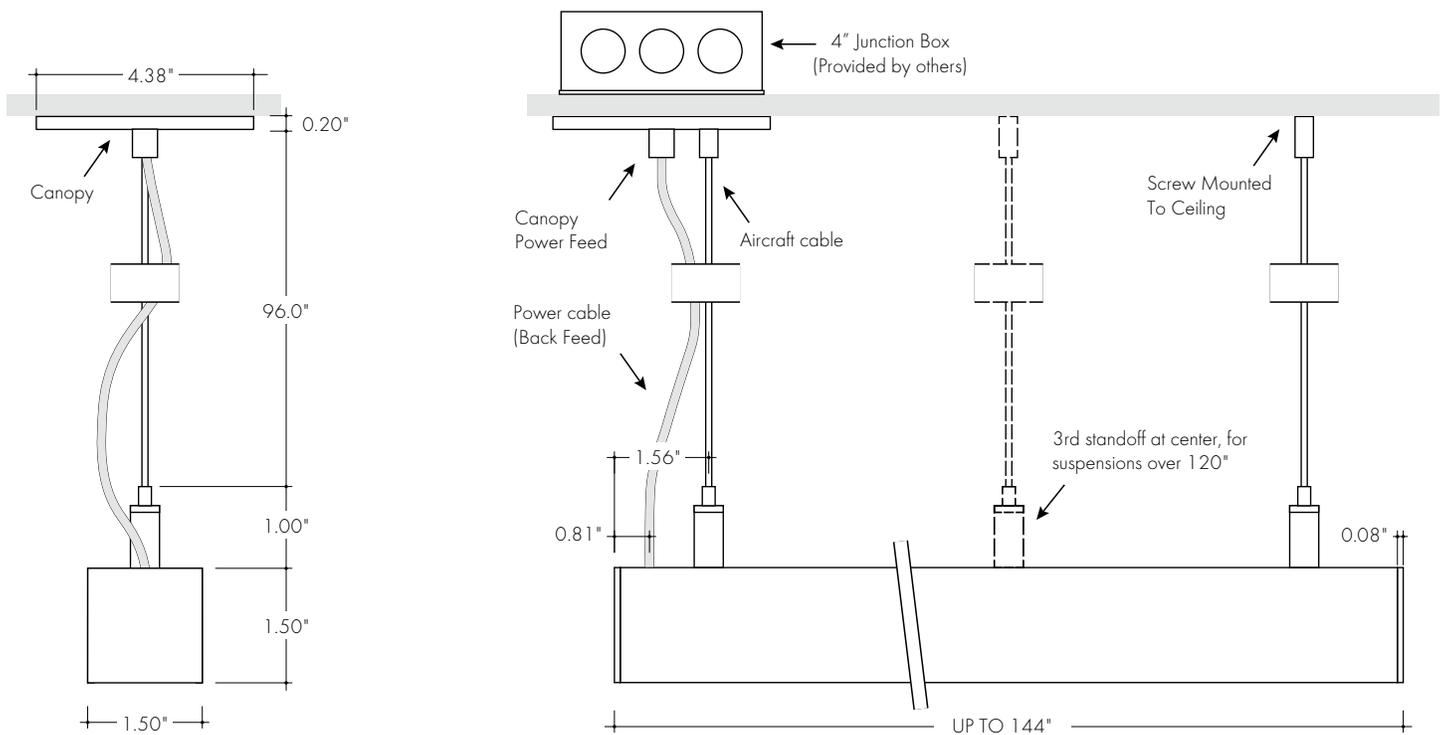
CCT	Multiplier (ref. - 30K)	TM-30			
		CRI	R _f	R _g	R ₉
2200K	0.74	94	91	96	65
2400K	0.87	94	92	97	56
2700K	0.97	94	92	100	57
3000K	1.00	93	91	99	54
3500K	1.01	95	91	99	62
4000K	1.04	95	91	99	68

Ordering Code

MODEL	LENGTH ¹	OUTPUT ²	CCT	LENS ³	FINISH ^{4, 5, 6}	LEFT END CAP (A)	RIGHT END CAP (B)	POWER FEED LEFT END ⁸	POWER FEED RIGHT END ⁸
KILOS - Kilo Suspended	12"-144" 1" increments	VC72VLO - Very Low	18K-1800K	F - Frosted Lens C - Clear Lens N - No Lens	BASE SA - Silver Anodized	LE - Endcap Left End LN - No Endcap Left End	RE - Endcap Right End RN - No Endcap Right End	LWB - Back Wire Leads LNPF - No Power Feed	RNPF - No Power Feed RWB - Back Wire Leads
		VC72LO - Low	22K-2200K						
		VC72SO - Standard	24K-2400K		POWDER COAT BK - Black BZ - Bronze WH - White				
		VC72MO - Medium	27K-2700K						
		VC72HO - High	30K-3000K		PREMIUM MBK - Matte Black WN - Warm Nickel AB - Aged Brass PG - Polished Gold ⁷ CH - Chrome ⁷				
		VC72VHO - Very High	35K-3500K						
			41K-4100K						
	12"-144" 2" increments	HE64VLO - Very Low	22K-2200K						
		HE64LO - Low	24K-2400K						
		HE64SO - Standard	27K-2700K						
		HE64MO - Medium	30K-3000K						
		HE64HO - High	35K-3500K						
		HE64VHO - Very High	40K-4000K						

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 - Continuous Lens may be ordered separately for multi-fixture runs to create an even, seamless appearance
 4 - Canopy has a black finish for Matte Black and Black fixture finishes. Canopy has a White finish for all other fixture finishes
 5 - Wire cable is black for Matte Black and Black fixture finishes. Wire cable is White for all other fixture finishes.
 6 - Non Base may have extended lead times. Custom RALs are available, please consult Inside Sales with specific request.
 7 - Polished Gold finishes and Chrome finishes have a maximum fixture length of 96".
 8 - Wire leads are 96" long.
 9 - NOTE: Each Kilo Suspended fixture/section requires it's own home run to a power supply. They cannot be electrically connected together

Product Dimensions



Finish Options

- Canopy finish is black when fixture finish is black or matte black. Canopy finish is white for all other fixture finish options.
- 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 is a soft silver with a clear finish.



Black is a true deep black with a glossy finish.



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



White is a polar bright white and field paintable.



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



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



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



Polished Gold is bright and radiant for a brilliant finish.



Chrome is a highly reflective silver polish.

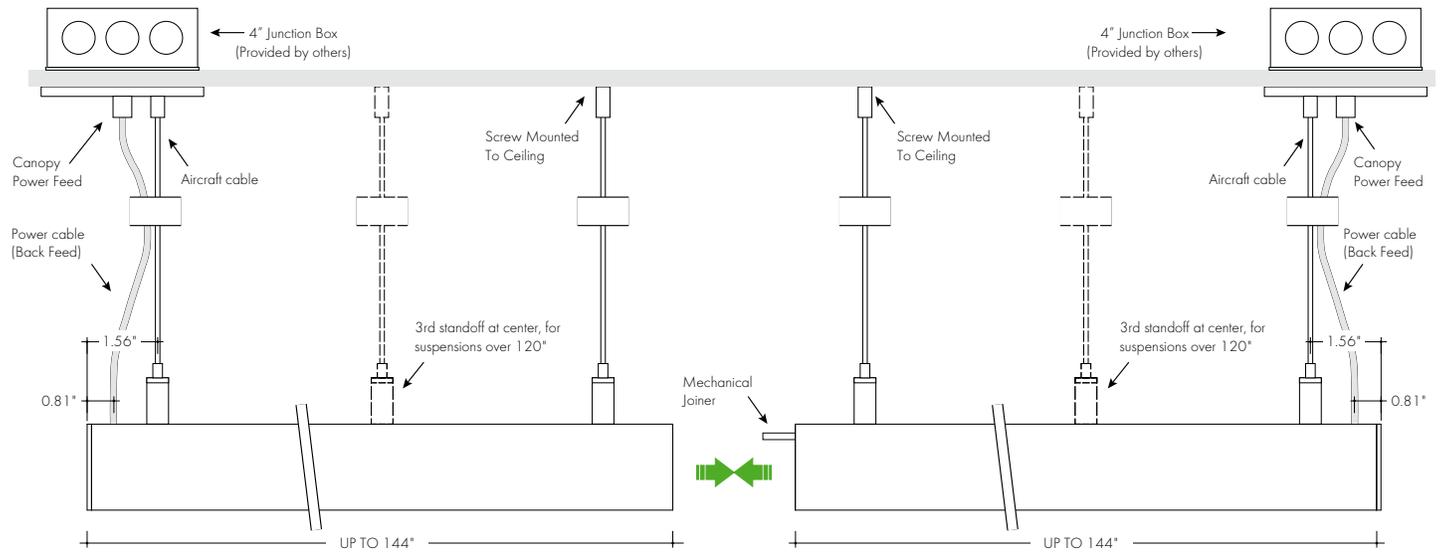
Sample Layout of Power Feed

KILOS-XX-LE-RN-LWB-RNPF

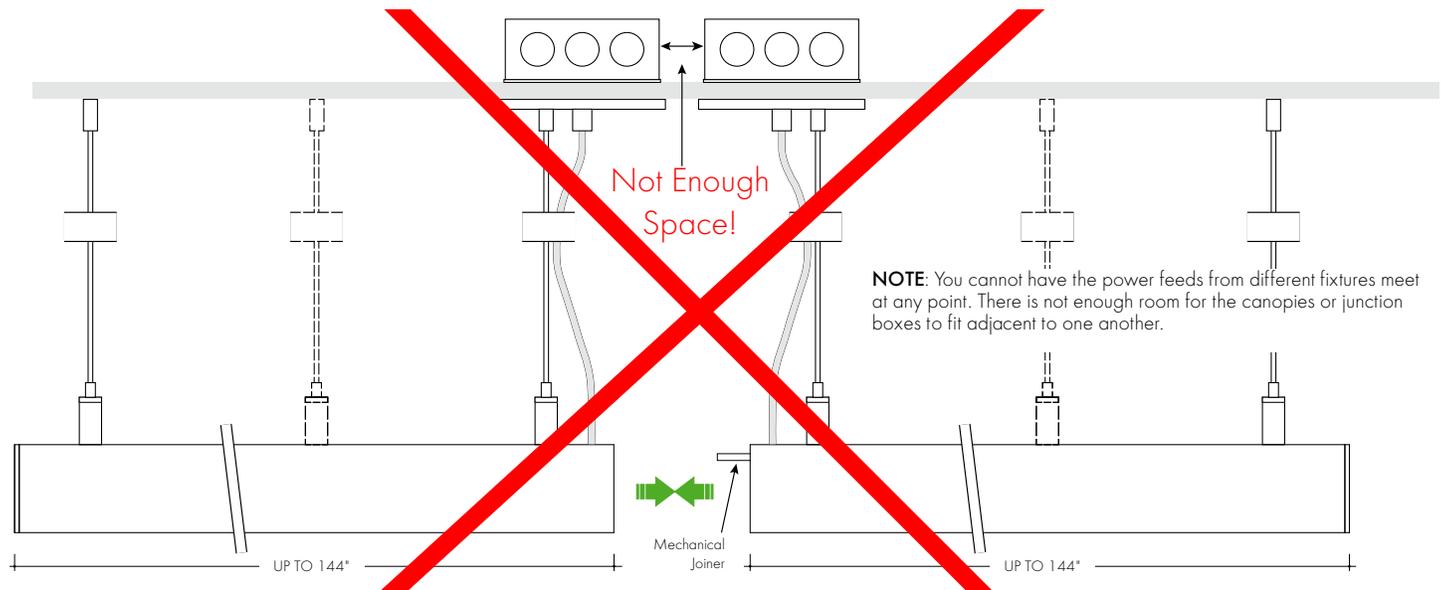
End cap left end, no end cap right end of Fixture
Wire leads on the left backside of Fixture

KILOS-XX-LN-RE-LNPF-RWB

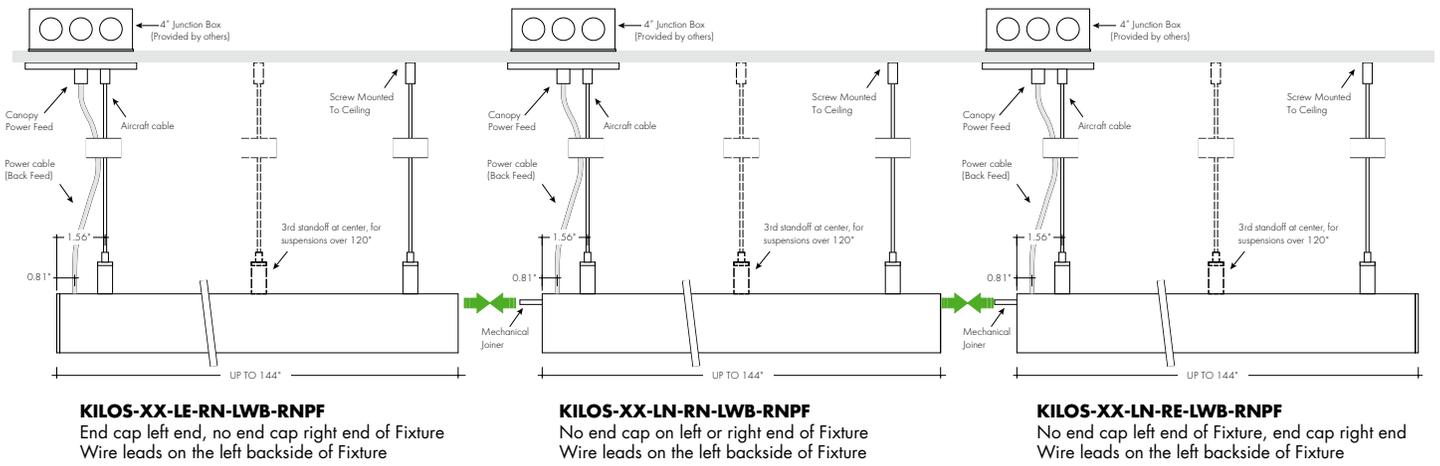
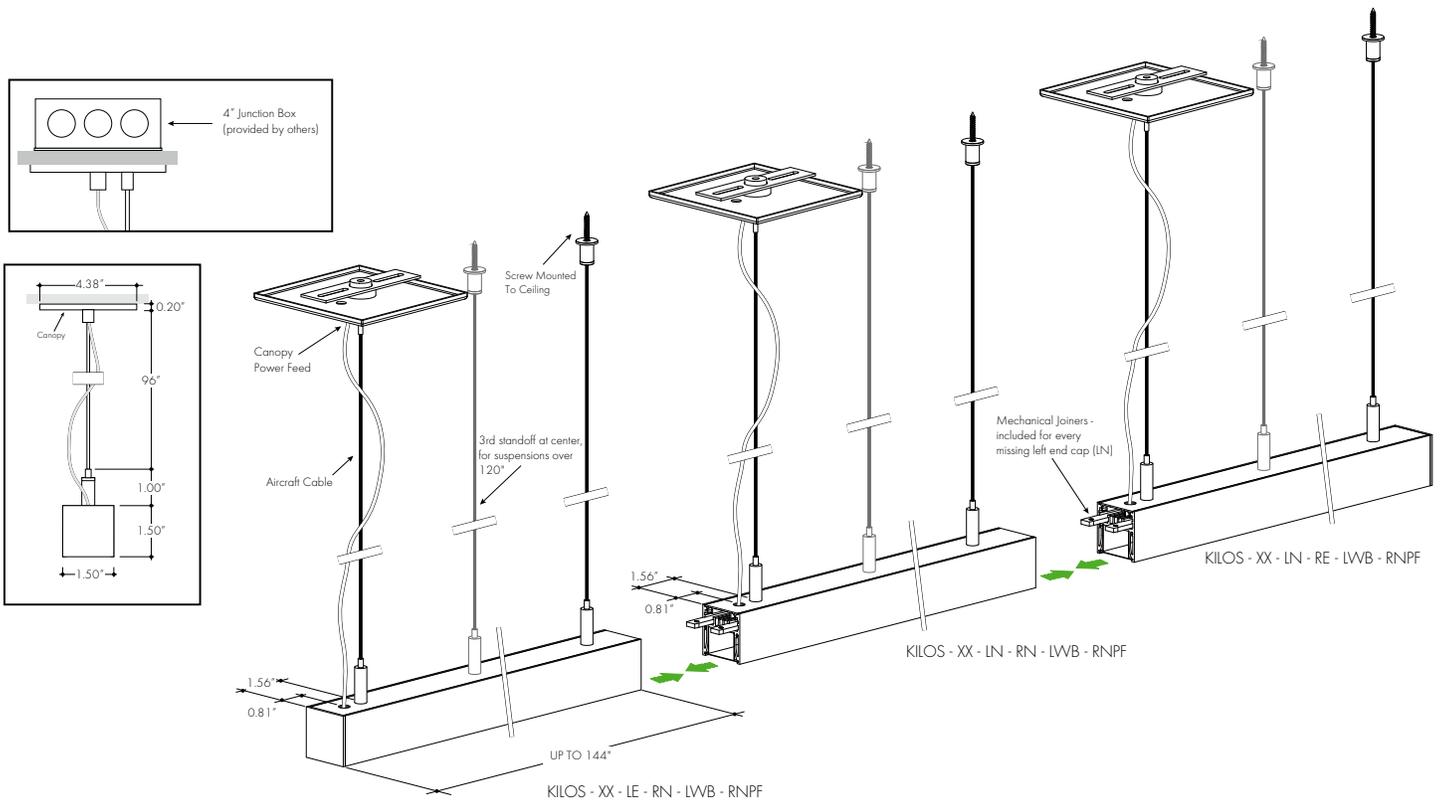
No end cap left end of Fixture, end cap right end
Wire leads on the right backside of Fixture



Invalid Sample Layout of Power Feed



Sample Layout of Power Feed



Light Transmission and Dotting

Output Options	Lens/Accessory							
	Clear Lens				Frosted Lens			
Dimming Level	100%	50%	10%	1%	100%	50%	10%	1%
VC72VLO	CD	CD	CD	CD	ND	ND	ND	ND
VC72LO	CD	CD	CD	CD	ND	ND	ND	ND
VC72SO	CD	CD	CD	CD	ND	ND	ND	ND
VC72MO	CD	CD	CD	CD	ND	ND	ND	ND
VC72HO	CD	CD	CD	CD	ND	ND	ND	ND
VC72VHO	CD	CD	CD	CD	ND	ND	ND	ND
HE64VLO	CD	CD	CD	CD	ND	ND	ND	ND
HE64LO	CD	CD	CD	CD	ND	ND	ND	ND
HE64SO	CD	CD	CD	CD	ND	ND	ND	ND
HE64MO	CD	CD	CD	CD	ND	ND	ND	ND
HE64HO	CD	CD	CD	CD	ND	ND	ND	ND
HE64VHO	CD	CD	CD	CD	ND	ND	ND	ND
Transmission Percentage	114%				100%			



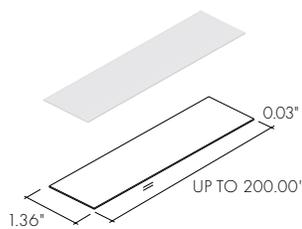
CD - Clear Dotting
SD - Slight Dotting
ND - No Dotting

Use complete Dotting Chart Tool online for more dotting information



Accessory Options

Continuous Lens (Field Cuttable)



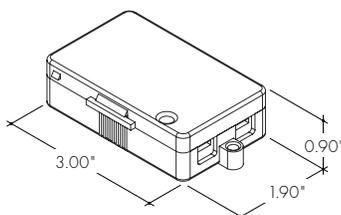
KILOC-FF - Kilo Channel Continuous Frosted Lens
KILOC-CC - Kilo Channel Continuous Clear Lens

XX - Order in 10' increments up to 200'

Note: Order the continuous (field cuttable) lens up to 200'. Recommended to avoid seams between multiple fixtures joining together.

LVSP-4T-BK

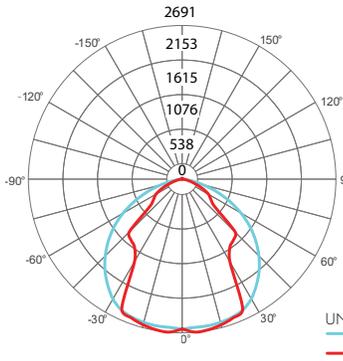
Low Voltage, 4 Terminal Splice Box, Black, IP20



Photometry

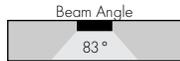
KiloS-48-VC72VHO-30K-C

Kilo S, 4ft, VHO, 3000K, Clear Lens



Zonal Lumen Summary 3000K

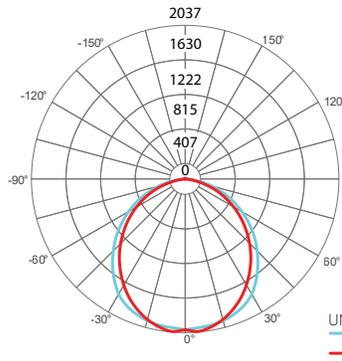
Zone	Lumen	% Fixture
0-30	529	33%
0-40	833	53%
0-60	1349	85%
0-90	1570	99%
Total	1582	100%



UNIT: CD
 — C0/180
 — C90/270

KiloS-48-VC72VHO-30K-F

Kilo S, 4ft, VHO, 3000K, Frosted Lens



Zonal Lumen Summary 3000K

Zone	Lumen	% Fixture
0-30	387	28%
0-40	630	45%
0-60	1102	79%
0-90	1380	99%
Total	1392	100%



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]	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

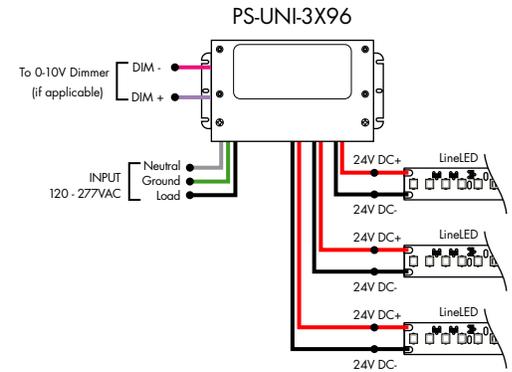
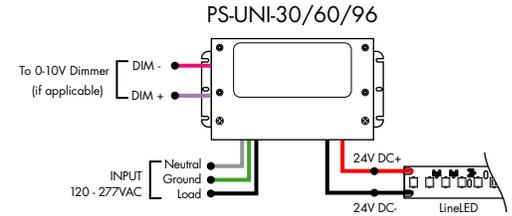
Ordering Code - Universal Dimming Power Supplies 0.1% 120VAC - 277VAC

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"

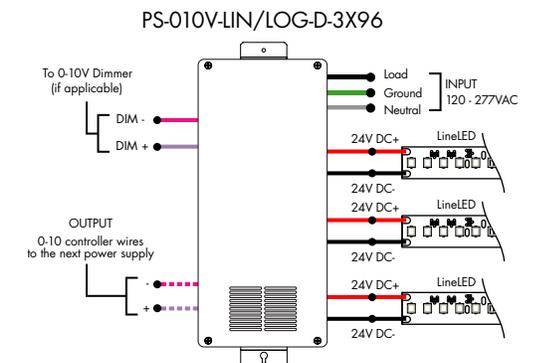
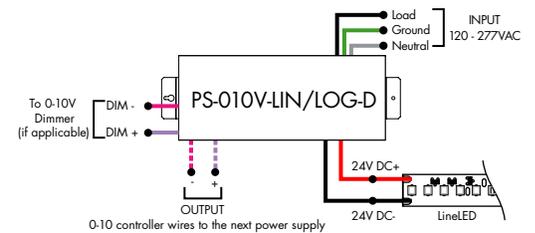


For use with Static White

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"



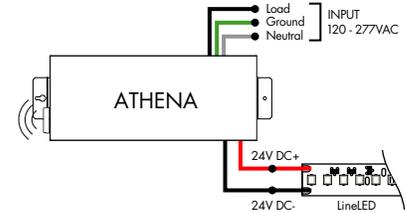
Power Supplies

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	AWN-R-Athena

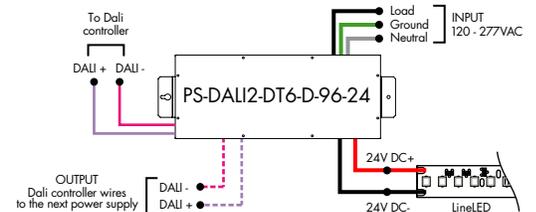


MODELS	96W
Length	14.40"
Width	5.20"
Depth	2.60"

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

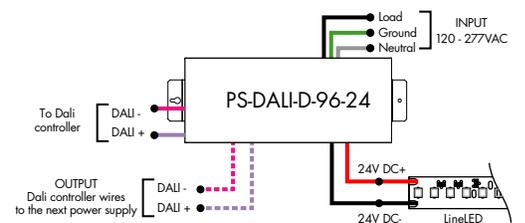


Model	96W
Length	14.40"
Width	5.20"
Depth	2.60"

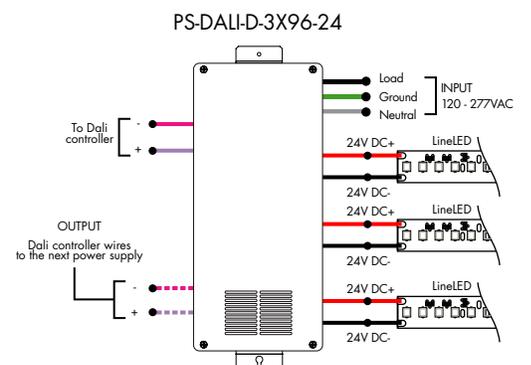
For use with Static White

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.

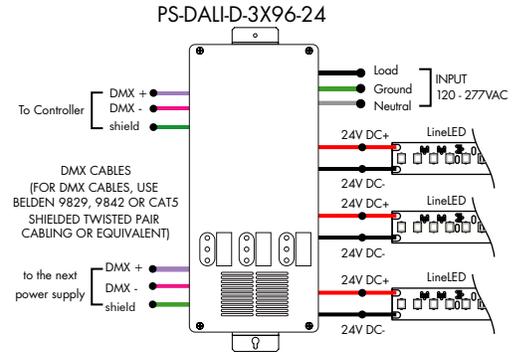
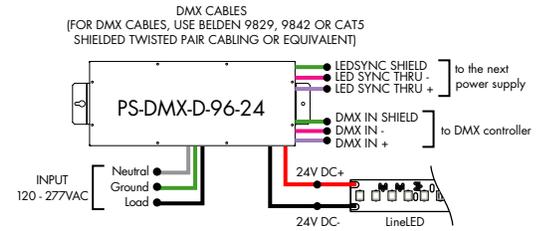
For use with Static White

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
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.

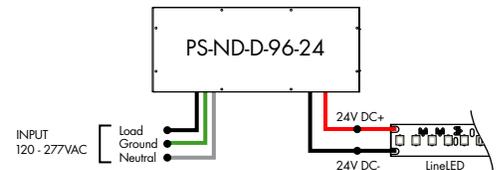


For use with Static White

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"

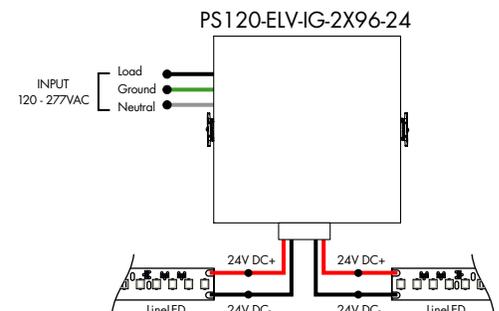


For use with Static White

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

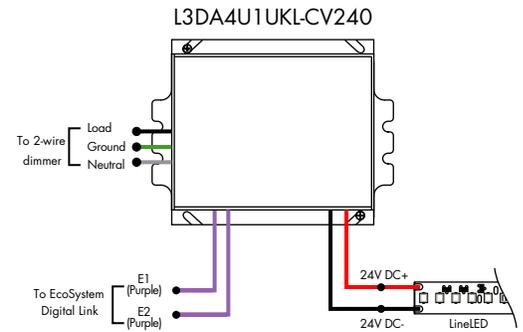
Lutron Power Supplies 1%

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"

