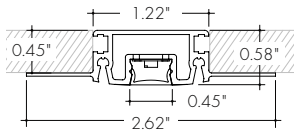


Features

- Myka Trimless System is a turn-key solution for complex layouts and runs - coming with pre-welded corners for installation ease.
- Shipped as field configurable strip and channel
- Approved for closet/storage space installation per NEC 410.16(A)(3) and 410.16(C)(5)
- Class 2 listed for damp locations
- Dot free even illumination with frosted lens and high color quality outputs.
- High Color Quality options offer premium quality and vibrant colors with R9 values up to 97
- High Efficacy options offer best in class output and efficacy with over 570 lm/ft and up to 103 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

- Mill Finish



Technical Information

TYPE	Vibrant Color VC72					
OUTPUT OPTIONS	VC72VLO	VC72LO	VC72SO	VC72MO	VC72HO	VC72VHO
Lumens Output (3000K) [with a Clear Lens]	103 lm/ft	262 lm/ft	349 lm/ft	461 lm/ft	557 lm/ft	742 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	94 lm/W	94 lm/W	94 lm/W	94 lm/W	94 lm/W	94 lm/W
Max Run Length (individual fixture)	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 - 113°F (-20°C - 45°C)	-4°F - 104°F (-20°C - 40°C)	-4°F - 95°F (-20°C - 35°C)	-4°F - 86°F (-20°C - 30°C)	-4°F - 77°F (-20°C - 25°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)	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	HE64VLO	HE64LO	HE64SO	HE64MO	HE64HO	HE64VHO
Lumens Output (3000K) [with a Clear Lens]	114 lm/ft	246 lm/ft	353 lm/ft	469 lm/ft	666 lm/ft	914 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	114 lm/W	129 lm/W	122 lm/W	123 lm/W	119 lm/W	129 lm/W
Max Run Length (individual fixture)	90 ft	54.9 ft	34.9 ft	26 ft	17 ft	13 ft
Ambient Operating Temperature Range*	-4°F - 122°F (-20°C - 50°C)	-4°F - 122°F (-20°C - 50°C)	-4°F - 113°F (-20°C - 45°C)	-4°F - 104°F (-20°C - 40°C)	-4°F - 86°F (-20°C - 30°C)	-4°F - 77°F (-20°C - 25°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.

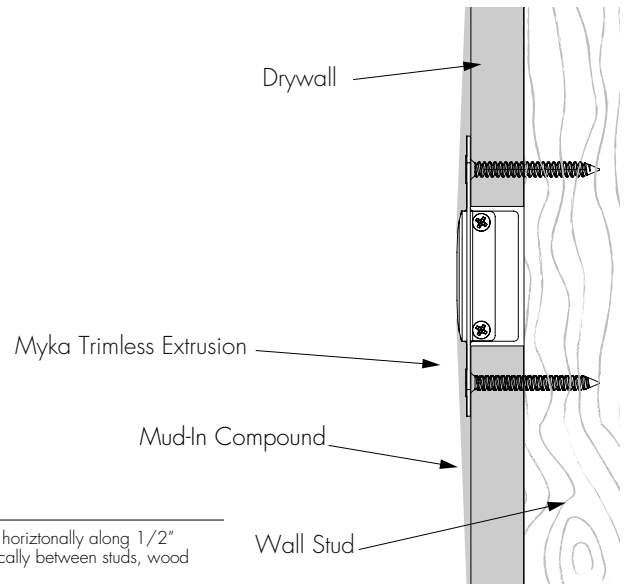
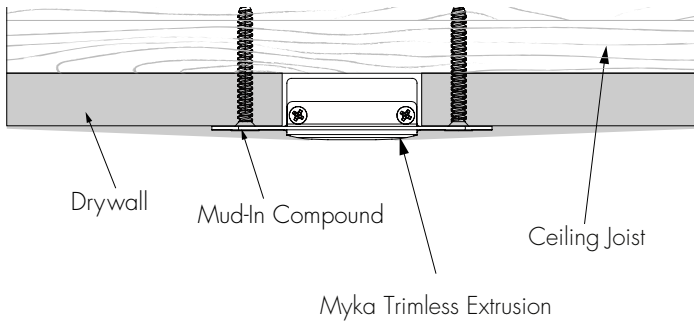
High Efficacy (HE64)						
CCT	Multiplier (ref. - 30K)	TM-30				
		CRI	R _f	R _g	R ₉	
2200K	0.74	94	91	96	65	
2400K	0.87	94	92	97	56	
2700K	0.97	94	92	100	57	
3000K	1.00	93	91	99	54	
3500K	1.01	95	91	99	62	
4000K	1.04	95	91	99	68	

Ordering Code

MODEL	SHAPE	LENGTH ¹	OUTPUT ²	CCT	LENS ³	MOUNTING	FINISH
MKL-Myka Recessed Trimless	STR- Straight Run CMLX- Complex Shape	Overall System Length in Inches (1/16) EX: <u>1249.0625</u>	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	C - Clear HF - Half Frosted F - Frosted BLV - Black Blade Louver ³ WLW - White Blade Louver ³	MF - Mounting Flange	MILL - Mill Finish
	UIC - U-Shape, Inside Corner UOC - U-Shape, Outside Corner UFC - U-Shape, Flat Corner	Leg 1 X Leg 2 X Leg 3 in Inches (1/16) EX: <u>115.0625 X 13.50 X 235.125</u>					
	LIC - L-Shape, Inside Corner LOC - L-Shape, Outside Corner LFC - L-Shape, Flat Corner RECIC - Rectangle, Inside Corner RECOC - Rectangle, Outside Corner RECFC - Rectangle, Flat Corner	Leg 1 X Leg 2 in Inches (1/16) EX: <u>115.0625 X 13.50</u>		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		

1 - Length written in decimal format to the closest sixteenth of an inch.
2 - Title 24 JAB achievable depending on Output, CCT, and Lens selections. See multiplier charts to calculate specific efficacies.
3 - Blade louvers are 12" long. Multiple pieces may be shipped with order.

Applications



Direct View Recessed (Ceiling)

Fixture mounted on 1/2" or thicker ceiling drywall. If mounted between joists, wood blocking may be required.

Direct View Recessed (Wall)

Fixture mounted either vertically or horizontally along 1/2" or thicker drywall. If mounted vertically between studs, wood blocking may be required.

Light Transmission and Dotting

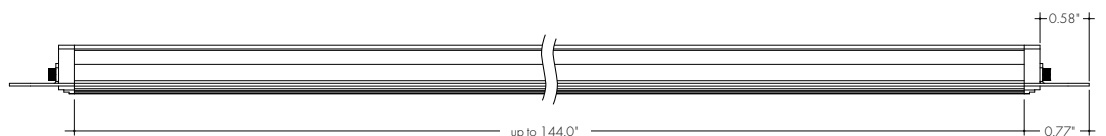
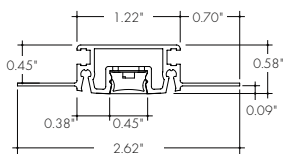
Lens/Accessory

Output Options	Lens/Accessory																							
	Clear Lens				Half Frosted Lens				Frosted Lens				Black Blade Louver				White Blade Louver				Matte Frosted			
Dimming Level	100%	50%	10%	1%	100%	50%	10%	1%	100%	50%	10%	1%	100%	50%	10%	1%	100%	50%	10%	1%	100%	50%	10%	1%
VC72VLO	CD	CD	CD	CD	ND	SD	SD	CD	ND	ND	SD	SD	ND	ND	ND	ND	ND	ND	ND	ND	ND	SD	SD	CD
VC72LO	CD	CD	CD	CD	ND	SD	SD	CD	ND	ND	SD	SD	ND	ND	ND	ND	ND	ND	ND	ND	ND	SD	SD	CD
VC72SO	CD	CD	CD	CD	ND	SD	SD	CD	ND	ND	SD	SD	ND	ND	ND	ND	ND	ND	ND	ND	ND	SD	SD	CD
VC72MO	CD	CD	CD	CD	ND	SD	SD	CD	ND	ND	SD	SD	ND	ND	ND	ND	ND	ND	ND	ND	ND	SD	SD	CD
VC72HO	CD	CD	CD	CD	ND	SD	SD	CD	ND	ND	SD	SD	ND	ND	ND	ND	ND	ND	ND	ND	ND	SD	SD	CD
VC72VHO	CD	CD	CD	CD	ND	SD	SD	CD	ND	ND	SD	SD	ND	ND	ND	ND	ND	ND	ND	ND	ND	SD	SD	CD
HE64VLO	CD	CD	CD	CD	ND	ND	ND	ND	ND	ND	SD	SD	ND	ND	ND	ND	ND	ND	ND	ND	ND	SD	SD	CD
HE64LO	CD	CD	CD	CD	ND	ND	ND	ND	ND	ND	SD	SD	ND	ND	ND	ND	ND	ND	ND	ND	ND	SD	SD	CD
HE64SO	CD	CD	CD	CD	ND	ND	ND	ND	ND	ND	SD	SD	ND	ND	ND	ND	ND	ND	ND	ND	ND	SD	SD	CD
HE64MO	CD	CD	CD	CD	ND	ND	ND	ND	ND	ND	SD	SD	ND	ND	ND	ND	ND	ND	ND	ND	ND	SD	SD	CD
HE64HO	CD	CD	CD	CD	ND	ND	ND	ND	ND	ND	SD	SD	ND	ND	ND	ND	ND	ND	ND	ND	ND	SD	SD	CD
HE64VHO	CD	CD	CD	CD	ND	ND	ND	ND	ND	ND	SD	SD	ND	ND	ND	ND	ND	ND	ND	ND	ND	SD	SD	CD
Transmission Percentage	114%				100%				60%				31%				53%				73%			

Use complete Dotting Chart Tool online for more dotting information



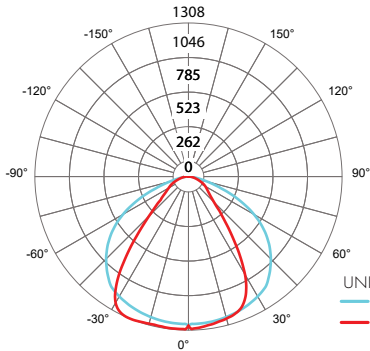
Product Dimensions



Photometry

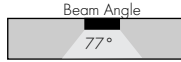
MKL-48-VC72VHO-30K-C

Myka Trimless Recessed, 4ft, VHO, 3000K, Clear Lens



Zonal Lumen Summary 3000K

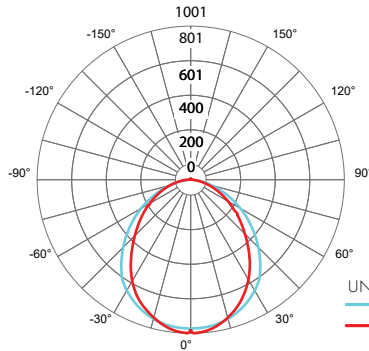
Zone	Lumen	% Fixture
0-30	258	35%
0-40	420	57%
0-60	647	87%
0-90	735	99%
0-180	742	100%



UNIT: CD
 C0/180
 C90/270

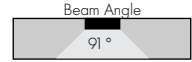
MKL-48-VC72VHO-30K-HF

Myka Trimless Recessed, 4ft, VHO, 3000K, Half-Frosted Lens



Zonal Lumen Summary 3000K

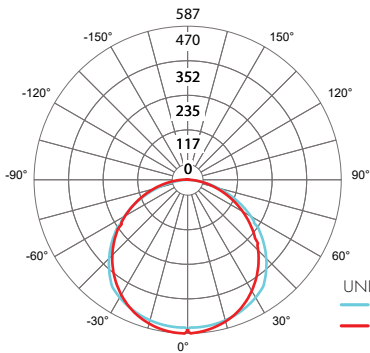
Zone	Lumen	% Fixture
0-30	186	30%
0-40	299	48%
0-60	502	81%
0-90	615	99%
0-180	622	100%



UNIT: CD
 C0/180
 C90/270

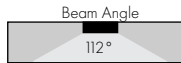
MKL-48-VC72VHO-30K-F

Myka Trimless Recessed, 4ft, VHO, 3000K, Frosted Lens



Zonal Lumen Summary 3000K

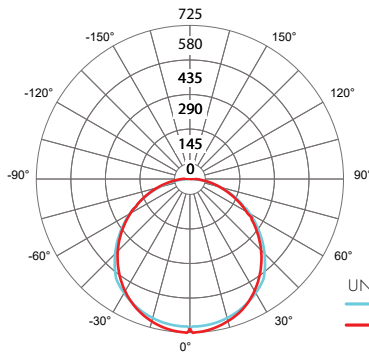
Zone	Lumen	% Fixture
0-30	114	26%
0-40	189	42%
0-60	341	77%
0-90	440	99%
0-180	445	100%



UNIT: CD
 C0/180
 C90/270

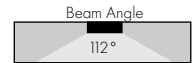
MKL-48-VC72VHO-30K-MF

Myka Trimless Recessed, 4ft, VHO, 3000K, Matte-Frosted Lens



Zonal Lumen Summary 3000K

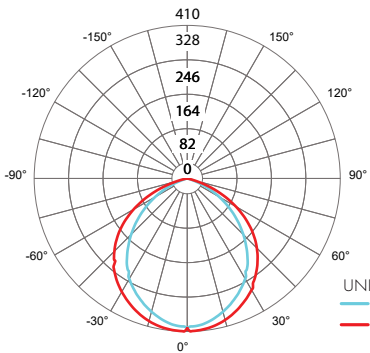
Zone	Lumen	% Fixture
0-30	139	26%
0-40	230	42%
0-60	412	76%
0-90	535	99%
0-180	542	100%



UNIT: CD
 C0/180
 C90/270

MKL-48-VC72VHO-30K-BLV

Myka Trimless Recessed, 4ft, VHO, 3000K, Black Blade Louver



Zonal Lumen Summary 3000K

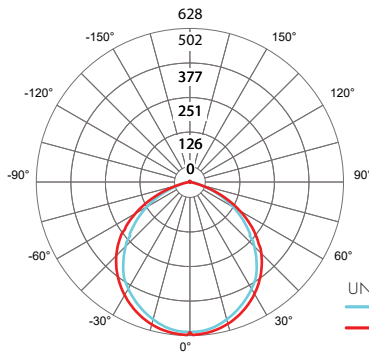
Zone	Lumen	% Fixture
0-30	75	32%
0-40	122	52%
0-60	204	88%
0-90	230	99%
0-180	233	100%



UNIT: CD
 C0/180
 C90/270

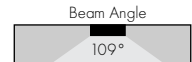
MKL-48-VC72VHO-30K-WLV

Myka Trimless Recessed, 4ft, VHO, 3000K, White Blade Louver



Zonal Lumen Summary 3000K

Zone	Lumen	% Fixture
0-30	117	30%
0-40	191	49%
0-60	329	84%
0-90	386	99%
0-180	390	100%



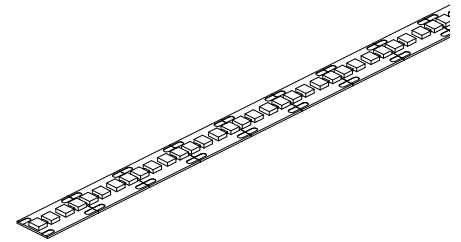
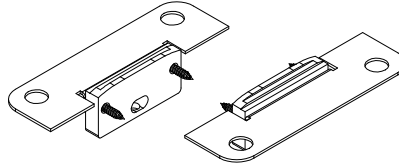
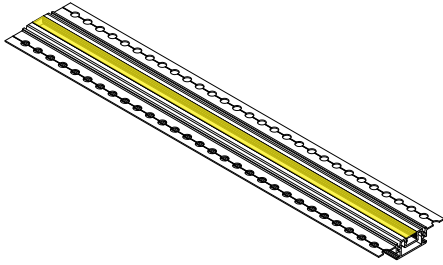
UNIT: CD
 C0/180
 C90/270

Myka Recessed Trimless System - What's Included

A - Myka Recessed Trimless Straight Extrusion

B - Myka Recessed Trimless Endcap

C - LineLED



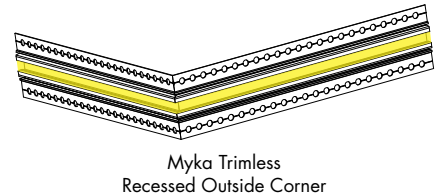
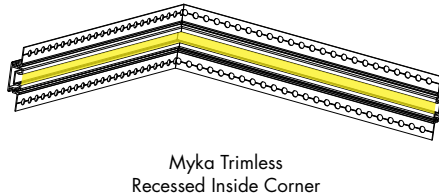
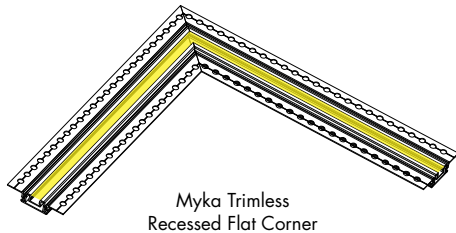
Included with Myka Trimless System, the Recessed Trimless Straight extrusion is the main architectural housing for the majority of the system run. It includes LED Strip, lens, and mounting screws. Provided in lengths of 48"/96"/144" long.

Included with the Myka Trimless System, end caps attach directly to the Myka Recessed Trimless Straight Extrusion

Included with Myka Recessed Trimless System, the LineLED will be split into runs based on system layout and max run length of the LED strip. By default, the LineLED will come with soldered leads (SL) on end and no connector (NC) on the other. Additional configurations available upon request.

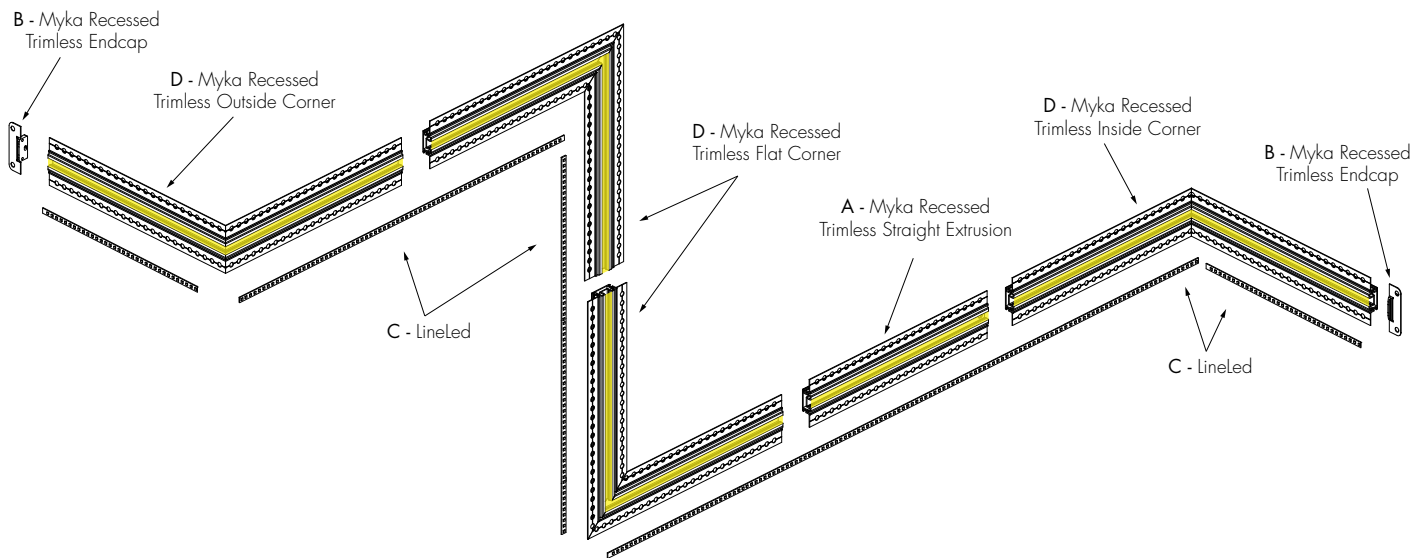
D - Myka Recessed Trimless Corner

Based on ordered Run



Includes two welded Myka Recessed Trimless extrusion pieces, two mitered lenses, two wall mount brackets, and a pair of joiners. Corners are nominally 12" x 12".

Myka Recessed Trimless System - Sample Run



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

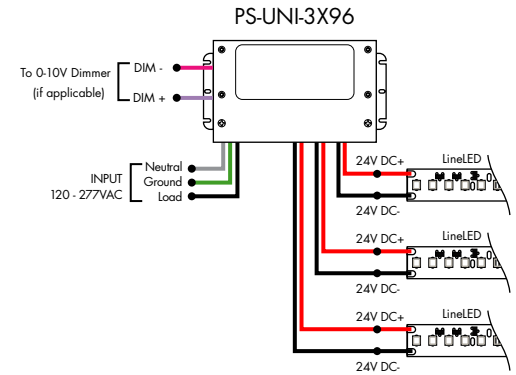
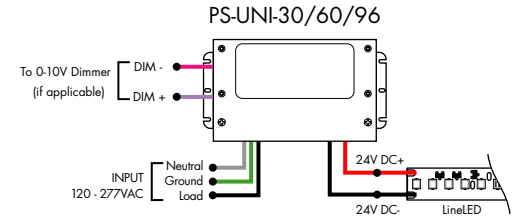
Ordering Code - Universal Dimming Power Supplies 0.1% 120VAC - 277VAC

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"

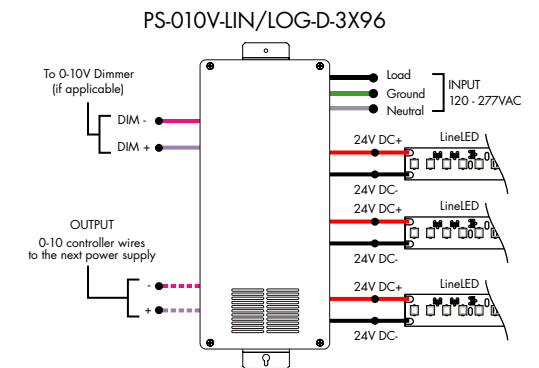
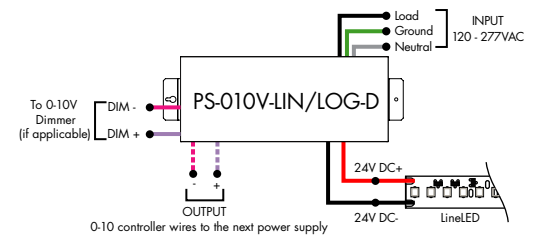


For use with Static White

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

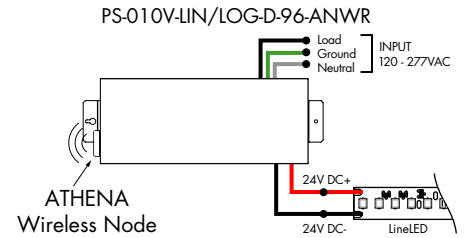
See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

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	D-Dry	96-96 Watts	24-24 VDC	AWNR-Athena Wireless Node
	010V-LOG-0-10V Dimming (0.1%), Logarithmic				

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

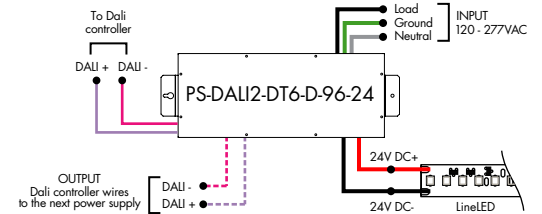


For use with Static White

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"

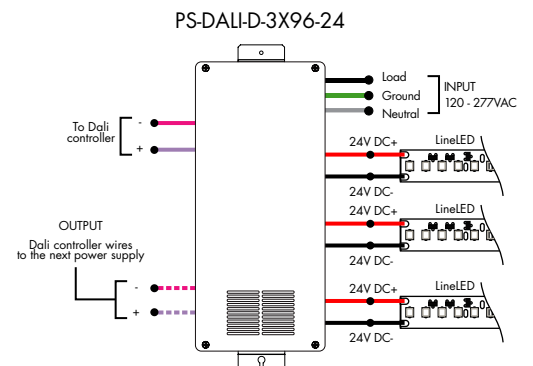
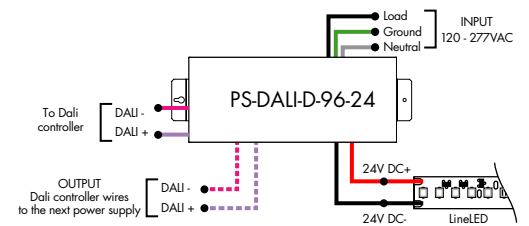


For use with Static White

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.

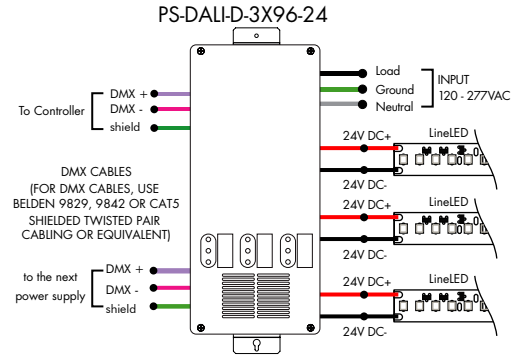
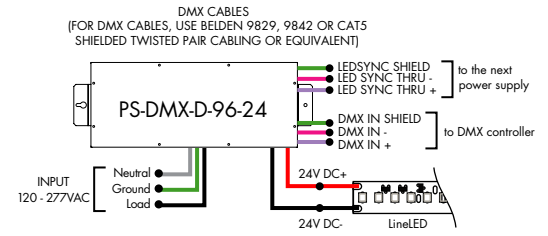
For use with Static White

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.

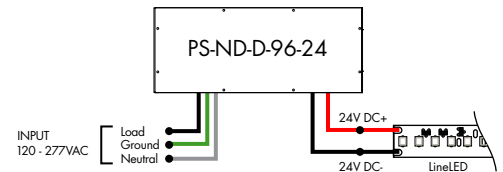


For use with Static White

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"

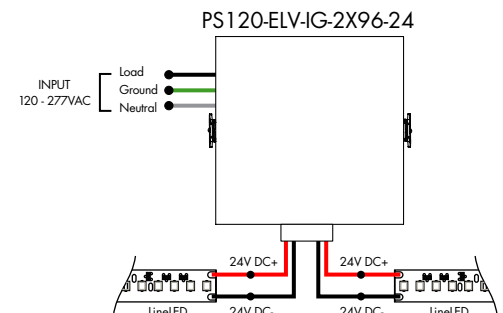


For use with Static White

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

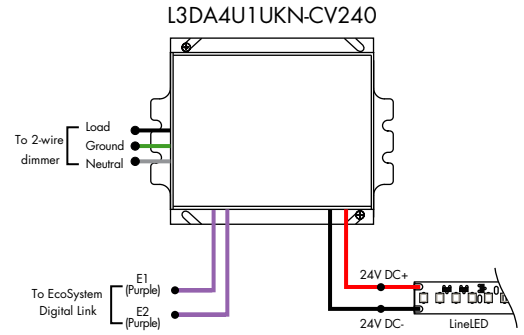
Lutron Power Supplies 1%

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"

