

Features



- 24VDC Class 2 fixtures made to order up to 144". Fixtures can be linked up to 90' depending on output
- Suitable for undercabinet, millwork, direct view, grazer, vanity, architectural reveals, accent lighting 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
- Dot free even illumination with frosted lens and high color outputs

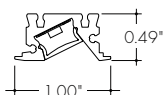
- Class 2 listed for damp locations
- Proprietary strong bond solder method handles up to 50 lbs of pull force on wire leads and connectors
- Vibrant Color options offer premium color quality with R9 values up to 98
- High Efficacy options offer best in class output and efficacy with over 910 lm/ft and up to 129 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 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 (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 - 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.

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 (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)	-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)	CRI	TM-30		
			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

High Efficacy (HE64)

CCT	Multiplier (ref. - 30K)	CRI	TM-30		
			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	MOUNTING	FINISH ³	FEED POSITION LEFT ⁵	FEED POSITION RIGHT ⁵
MKRA-Myka Recessed Asymmetric	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	C-Clear Lens HF-Half Frosted Lens F-Frosted Lens MF-Matte Frosted BLV-Black Blade Louver WLW-White Blade Louver	HS-Hard Surface Mounting Bracket NB-No Bracket	BASE SA-Silver Anodized POWDER COAT BK-Black BZ-Bronze WH-White	PLENUM WIRE LEADS (72") LPE-Wire End Feed LPB-Wire Back Feed LNPF-No Power Feed	PLENUM WIRE LEADS (72") RPE-Wire End Feed RPB-Wire Back Feed RNPF-No Power Feed
	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			PREMIUM MBK-Matte Black WNI-Warm Nickel AB-Aged Brass PG-Polished Gold ⁴ CH-Chrome ⁴	QUICK CONNECTS (4") LFE-Female Q/C, End Feed LFB-Female Q/C, Back Feed LNPF-No Power Feed	QUICK CONNECTS (4") RFE-Female Q/C, End Feed RFB-Female Q/C, Back 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.

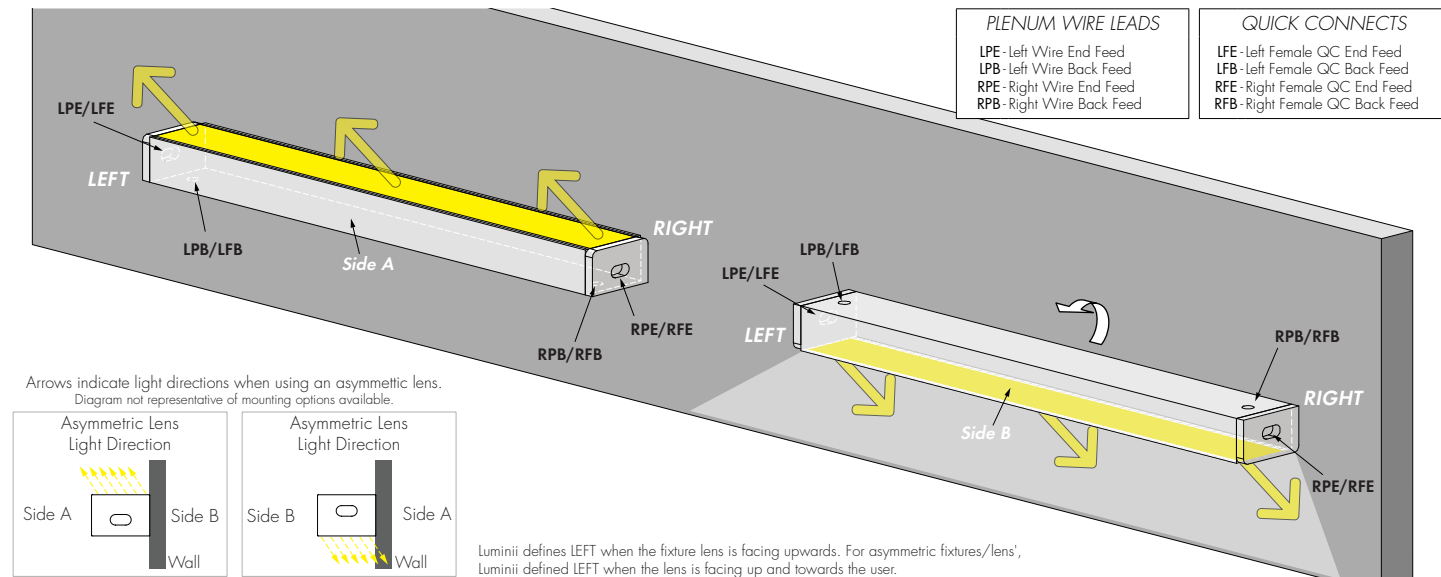
3 - Non Base finishes may have extended lead times. Custom RALs are available, please consult Inside Sales with specific request.

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

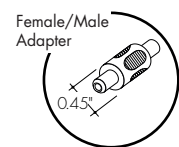
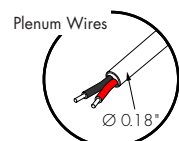
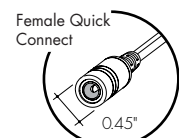
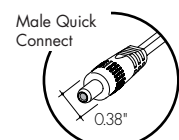
5 - LNPF - RNPF is not a valid configuration option

Powerfeeds and Connectors

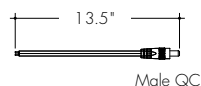
Power Feed Position Options and Orientation



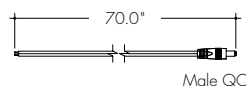
Linking and Extension Cable Options



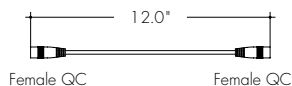
LMC-12
Male quick-connect, 2 pin, 12"



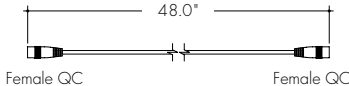
LMC-70
Male quick-connect long, 2 pin, 70"



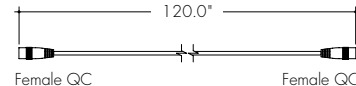
EC-12
Female to Female Extension Cable, 2 pin, 12"



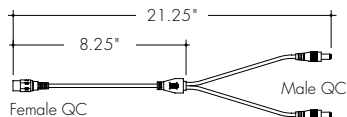
EC-48
Female to Female Extension Cable, 2 pin, 48"



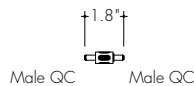
EC-120
Female to Female Extension Cable, 2 pin, 120"



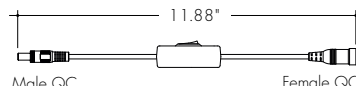
LYC
1 Female to 2 Male Splitter Cable, 2 pin, 12"



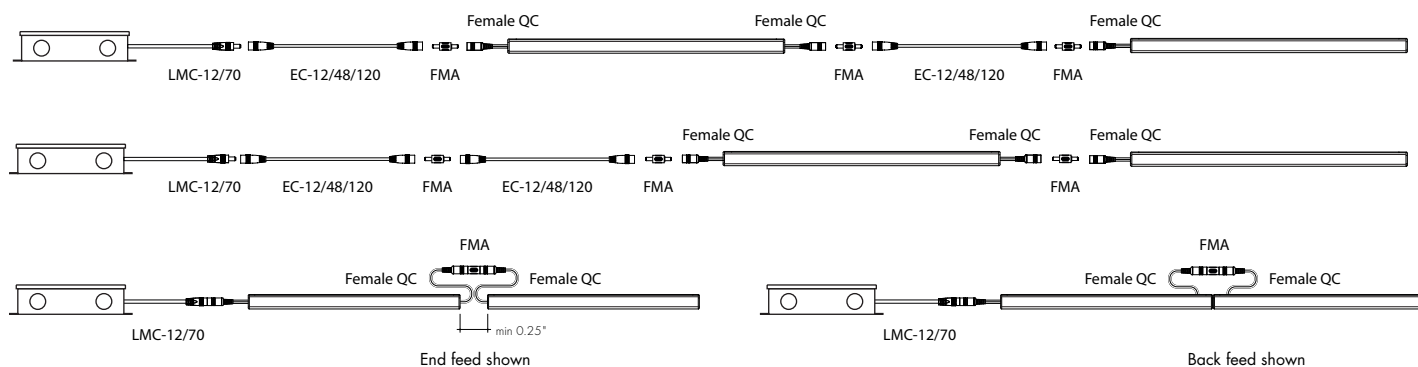
FMA
Female to male adapter



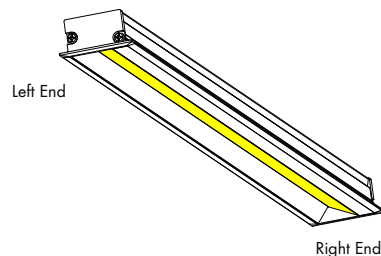
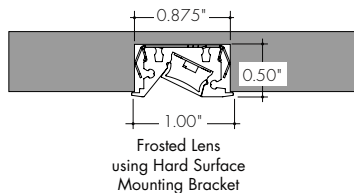
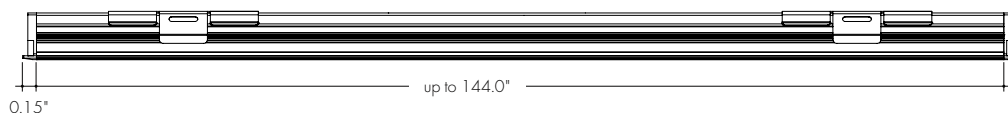
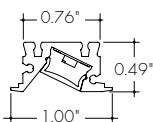
IS-DC
Male to Female Inline DC Switch, 2 pin, 12"



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



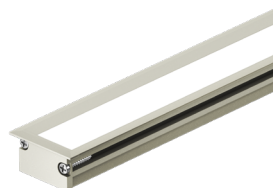
White is a polar bright white and field paintable.

Matte Black
Premium



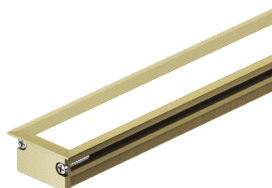
Matte Black is a dark, pitch-black with a soft flat finish.

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.

Reflector Finish

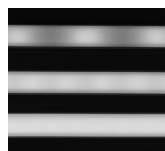
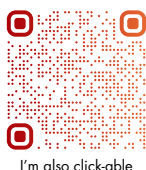


Note: Reflector surface finish is Silver Anodized regardless of the fixture finish selected in the ordering code.

Light Transmission and Dotting

Output Options		Lens/Accessory																							
		Clear Lens				Half Frosted Lens				Frosted Lens				Black Blade Louver				White Blade Louver				Matte Frosted Lens			
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	SD	SD	CD	ND	ND	SD	SD	ND	ND	ND	ND	ND	ND	ND	ND	ND	SD	SD	CD	
HE64LO	CD	CD	CD	CD	ND	SD	SD	CD	ND	ND	SD	SD	ND	ND	ND	ND	ND	ND	ND	ND	ND	SD	SD	CD	
HE64SO	CD	CD	CD	CD	ND	SD	SD	CD	ND	ND	SD	SD	ND	ND	ND	ND	ND	ND	ND	ND	ND	SD	SD	CD	
HE64MO	CD	CD	CD	CD	ND	SD	SD	CD	ND	ND	SD	SD	ND	ND	ND	ND	ND	ND	ND	ND	ND	SD	SD	CD	
HE64HO	CD	CD	CD	CD	ND	SD	SD	CD	ND	ND	SD	SD	ND	ND	ND	ND	ND	ND	ND	ND	ND	SD	SD	CD	
HE64VHO	CD	CD	CD	CD	ND	SD	SD	CD	ND	ND	SD	SD	ND	ND	ND	ND	ND	ND	ND	ND	ND	SD	SD	CD	
Transmission Percentage	100%				84%				59%				30%				50%				75%				

Use complete Dotting Chart Tool online for more dotting information



CD - Clear Dotting

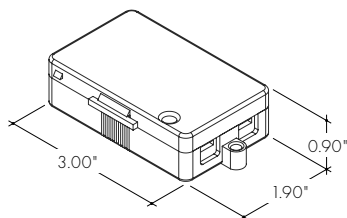
SD - Slight Dotting

ND - No Dotting

Accessory Options

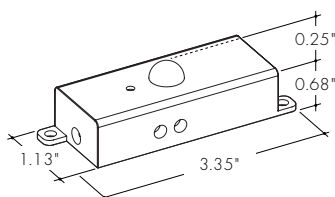
LVSP-4T-BK

Low Voltage, 4 Terminal Splice Box, Black, IP20



OS-DC-F4-BK

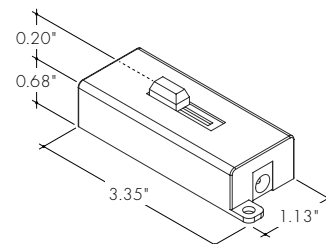
Occupancy Sensor



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

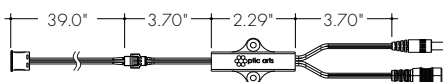


Male Quick Connect, FMA, LMC, LYC, or IS-DC are required for input and output.

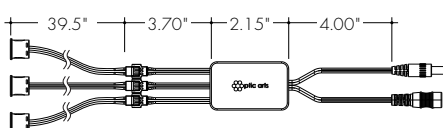
NL.EX.D1.B & NL.EX.D3.B

Near Infrared Remote Door Sensor

NL.EX.D1.B - 1 IR Sensor



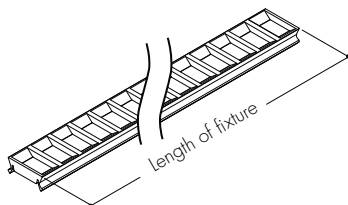
NL.EX.D3.B - 3 IR Sensor



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

LV-BL-MKC-12-BK

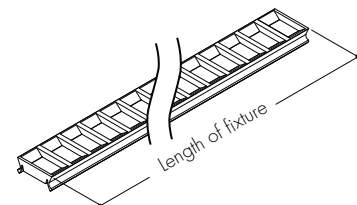
Blade Louver reduces glare at high angle in two directions
Also available with complete fixture, use ordering code -BLV



This Black louver/lens combo comes in 12\" increments and sits in place of a Myka lens, not in addition to.

LV-BL-MKC-12-WH

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

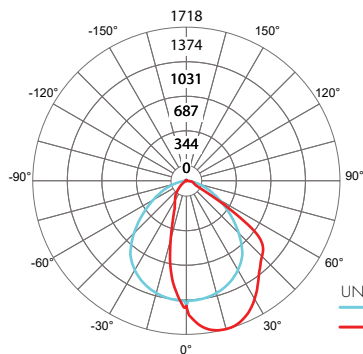


This White louver/lens combo comes in 12\" increments and sits in place of a Myka lens, not in addition to.

Photometry

MKRA-48-VC72VHO-30K-C

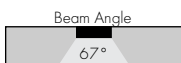
Myka Recessed Asymmetric, 4ft, VHO, 3000K, Clear Lens



Zonal Lumen Summary 3000K

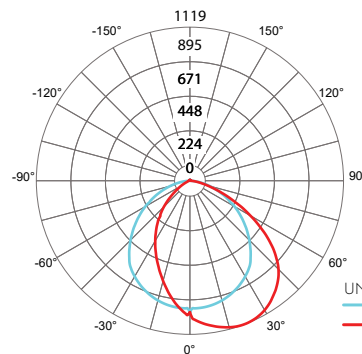
Zone	Lumen	% Fixture
0-30	246	33%
0-40	392	53%
0-60	655	88%
0-90	735	99%
0-180	742	100%

Total

UNIT: CD
C0/180
C90/270

MKRA-48-VC72VHO-30K-HF

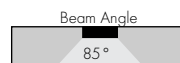
Myka Recessed Asymmetric, 4ft, VHO, 3000K, Half Frosted Lens



Zonal Lumen Summary 3000K

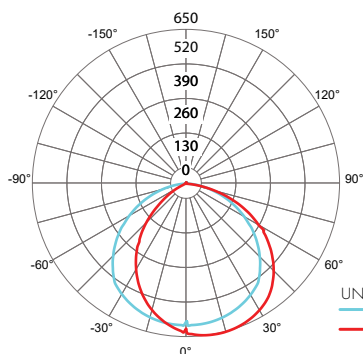
Zone	Lumen	% Fixture
0-30	184	30%
0-40	300	48%
0-60	515	83%
0-90	616	99%
0-180	622	100%

Total

UNIT: CD
C0/180
C90/270

MKRA-48-VC72VHO-30K-F

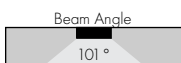
Myka Recessed Asymmetric, 4ft, VHO, 3000K, Frosted Lens



Zonal Lumen Summary 3000K

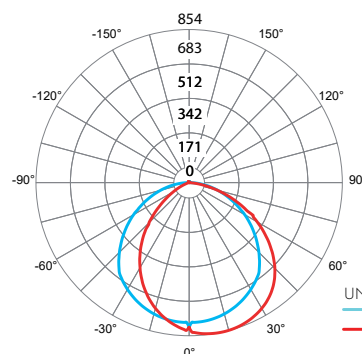
Zone	Lumen	% Fixture
0-30	122	28%
0-40	200	46%
0-60	350	80%
0-90	431	99%
0-180	436	100%

Total

UNIT: CD
C0/180
C90/270

MKRA-48-VC72VHO-30K-MF

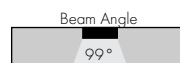
Myka Recessed Asymmetric, 4ft, VHO, 3000K, Matte Frosted Lens



Zonal Lumen Summary 3000K

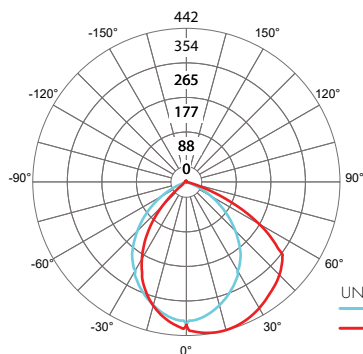
Zone	Lumen	% Fixture
0-30	157	28%
0-40	258	46%
0-60	449	81%
0-90	551	99%
0-180	557	100%

Total

UNIT: CD
C0/180
C90/270

MKRA-48-VC72VHO-30K-BLV

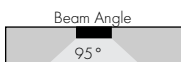
Myka Recessed Asymmetric, 4ft, VHO, 3000K, Black Blade Louver



Zonal Lumen Summary 3000K

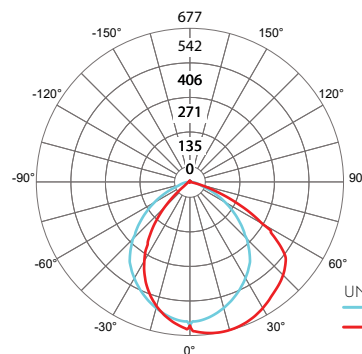
Zone	Lumen	% Fixture
0-30	76	34%
0-40	121	54%
0-60	195	88%
0-90	220	99%
0-180	222	100%

Total

UNIT: CD
C0/180
C90/270

MKRA-48-VC72VHO-30K-WLV

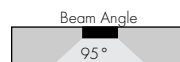
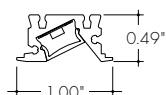
Myka Recessed Asymmetric, 4ft, VHO, 3000K, White Blade Louver



Zonal Lumen Summary 3000K

Zone	Lumen	% Fixture
0-30	119	32%
0-40	191	52%
0-60	317	86%
0-90	367	99%
0-180	371	100%

Total

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

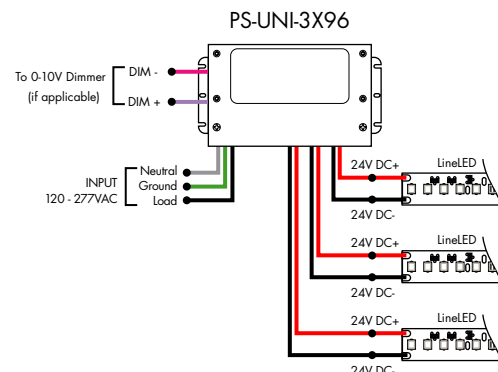
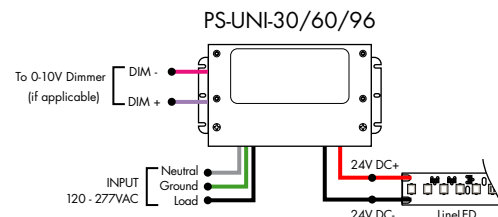
Ordering Code - Universal Dimming Power Supplies 0.1% 120VAC - 277VAC

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"

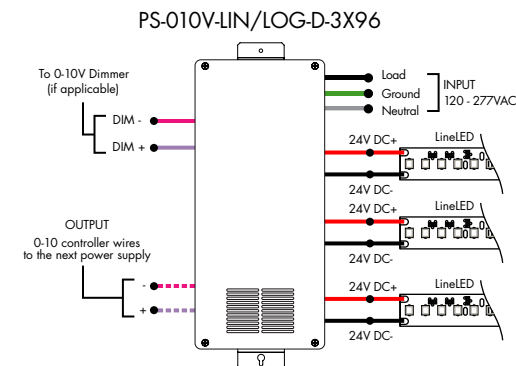
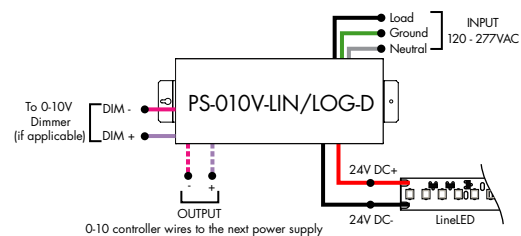


For use with Static White

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"



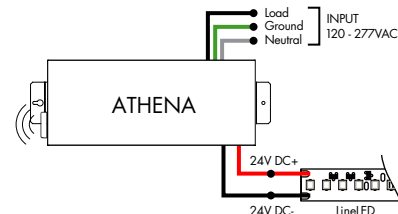
Power Supplies

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	AWNDR-Athena

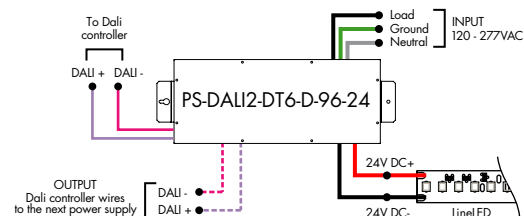


MODELS	96W
Length	14.40"
Width	5.20"
Depth	2.60"

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

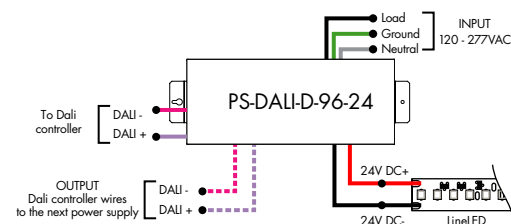


Model	96W
Length	14.40"
Width	5.20"
Depth	2.60"

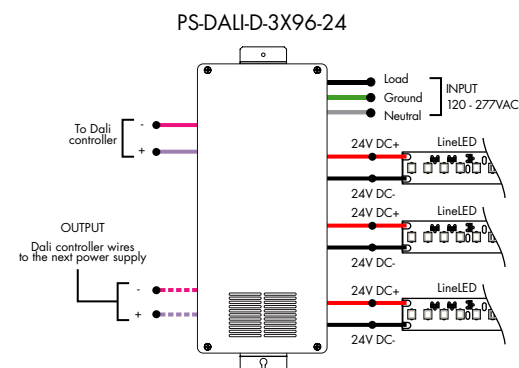
For use with Static White

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.

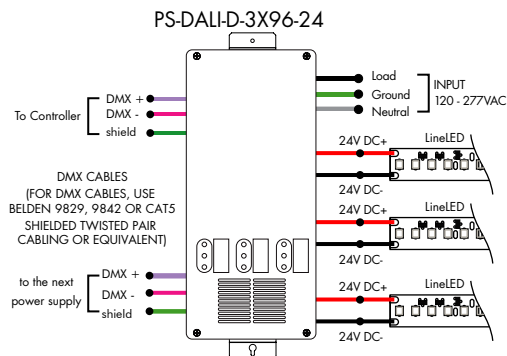
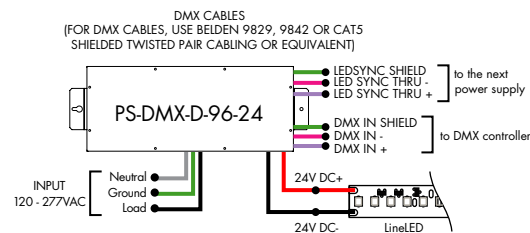
For use with Static White

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.

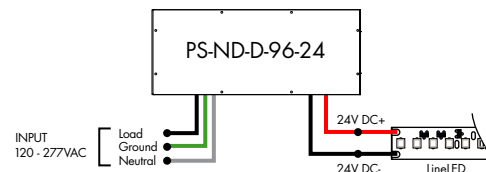


For use with Static White

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"

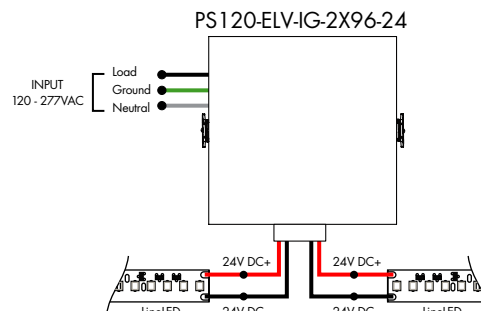


For use with Static White

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

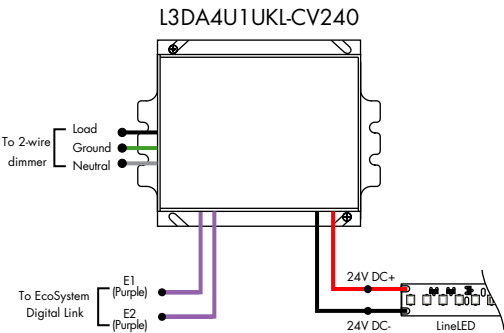
Lutron Power Supplies 1%

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"

