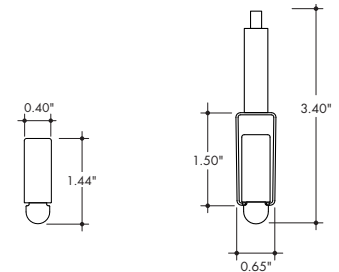


# Plexineon Rings Suspended Mount

Static White and Monochrome Colors



- Easy to install, for interior accent lighting
- Neon look providing a crisp, clear line of light visible for miles
- Mounting Clips and aircraft cable are included in the appropriate quantities
- Operating Temperature: -40° F to 140° F (-40° C to 60° C)
- 24VDC Class 2
- IK10 and 3G rated
- IP67 rated. IP68 rating available upon specific request
- 5 year warranty indoor, 3 year warranty outdoor



Without Mounting Clip

With Mounting Clip and A/C hardware



## Technical Information

RING OUTER DIAMETER* (inch)	Plexineon Static White (30K)	Plexineon Monochrome Colors					
		Red	Blue	Green	Magenta	Teal	Yellow
<b>WAVELENGTH</b>	N/A	622 nm	468 nm	525 nm	567 nm	486 nm	563 nm
<b>EFFICACY</b>	39 lm/W	12.1 lm/W	8.1 lm/W	33.8 lm/W	9.2 lm/W	20.9 lm/W	23.2 lm/W
Ø36 (Ø3ft)	<b>Lumen Output</b>	1159 lm	132 lm	104 lm	471 lm	226 lm	565 lm
	<b>Power Consumption</b>	30.2 W	11.3 W	13.2 W	14.1 W	24.5 W	25.4 W
Ø72 (Ø6ft)	<b>Lumen Output</b>	2318 lm	264 lm	207 lm	942 lm	452 lm	1131 lm
	<b>Power Consumption</b>	60.3 W	22.6 W	26.4 W	28.3 W	49.0 W	50.9 W
Ø144 (Ø12ft)	<b>Lumen Output</b>	4637 lm	528 lm	415 lm	1885 lm	905 lm	2262 lm
	<b>Power Consumption</b>	120.6 W	45.2 W	52.8 W	56.5 W	98.0 W	109.3 W
Ø288 (Ø24)	<b>Lumen Output</b>	9274 lm	1056 lm	829 lm	3770 lm	1810 lm	4524 lm
	<b>Power Consumption</b>	241.3 W	90.5 W	105.6 W	113.1 W	196.0 W	218.7 W

\*Rings will be made of equal sections no longer than 96" arc length. Rings exceeding 96W will have allowances for additional power feeds.

CCT	Multiplier (reference - 3000K)	TM-30		
		CRI	R <sub>f</sub>	R <sub>g</sub>
2700K	0.94	90	88	97
3000k	1.00	90	87	97
3500k	1.02	90	87	97
4000k	1.02	90	84	92

## Ordering Code

MODEL	RING DIAMETER <sup>1</sup>	RING TYPE	CCT	OUTPUT	LENS	MOUNTING <sup>2</sup>	FINISH	POWERFEED POSITION/TYPE
PX-Plexineon	____ - Ring diameter in inches, 6"-288" (24ft)	HR-Horizontal Ring	27K-2700K 30K-3000K 35K-3500K 40K-4000K B-Blue G-Green T-Teal Y-Yellow R-Red M-Magenta	SO-Standard	F-Frosted	SP-Suspension Mount, Standard Clips SPD-Suspension Mount, Decorative Clips <sup>3</sup>	GG-Gloss Grey BK-Matte Black GY-Matte Grey WH-Matte White	B-4-Male Quick Connect One End, Female Quick Connect Other End

1. Rings will be made of equal sections no longer than 96" arc length. Tolerance on size of diameter is +/- 1".  
2. 2 mounting clips included for every 12" of diameter, with a minimum of 3 clips.  
3. Decorative Clips match the fixture finish.

# Plexineon Rings Suspended Mount

Static White and Monochrome Colors



## Finish Options

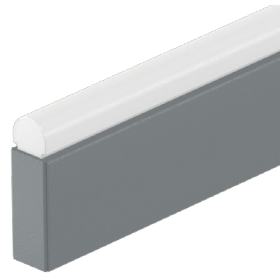
**BK**  
Matte Black Finish



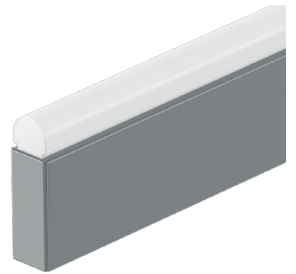
**WH**  
Matte White Finish



**GY**  
Matte Grey Finish



**GG**  
Gloss Grey Finish

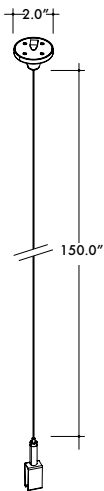


## Suspension Hardware

- Suspension Hardware are included with Plexineon runs in the appropriate quantity, every 30" of linear/arc length for Standard Clips and every 18" of linear/arc length for Decorative Clips.
- Standard Clips have a stainless steel finish, Decorative Clip finishes match the fixture finishes

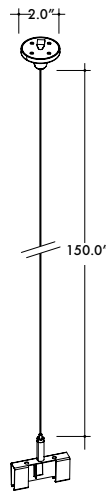
### SP/SPD

**SC-1MP2-SCL**  
Suspension Kit with Single Clip,  
Ø2.0" canopy, 150" A/C Cable



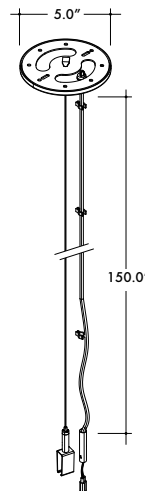
Used approximately every 30" of linear/arc length for Standard Clips and every 18" of linear/arc length for Decorative Clips

**SC-1MP2-DCL**  
Suspension Kit with Joiner Clip,  
Ø2.0" canopy, 150" A/C Cable



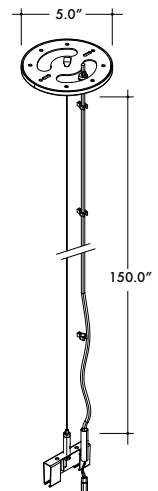
Use to join two fixtures together in the middle of a Suspended Run

**SC-1FC5-SCL**  
Powerfeed Canopy Suspension Kit with  
Single Clip, Ø5.0" canopy, 150" A/C Cable



Used at the start of every Suspended Run

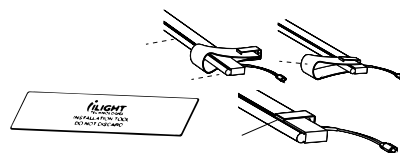
**SC-1FC5-DCL**  
Powerfeed Canopy Suspension Kit with Joiner  
Clip, Ø5.0" canopy, 150" A/C Cable



Used to join two fixtures together and to drop power in the middle of a Suspended Run

OX	Clip Finish
00	Stainless Steel
01	Matte Black
02	Matte Grey
03	Matte White

**70-TOL02-001-01**  
Mounting Clip Installation Tool



Use for installation of Plexineon into Mounting Clips

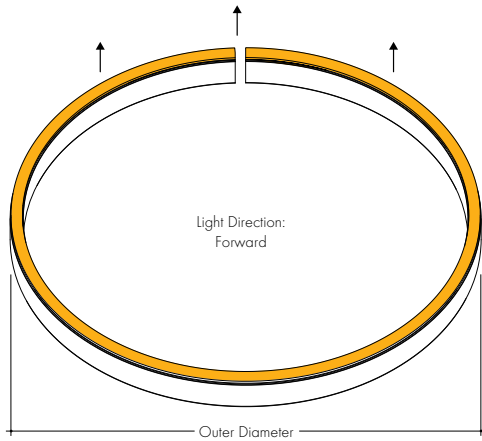
# Plexineon Rings Suspended Mount

Static White and Monochrome Colors



## Ring Types

**HR**  
Horizontal Ring



## Additional Material

- Ordered separately.

**CC-2MF-190-SCL**

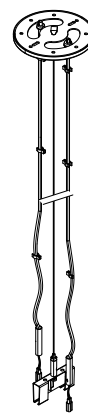
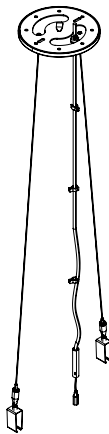
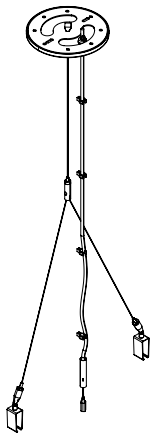
Powerfeed Canopy Suspension Kit with Cross Cable and 2 Single Clips Ø5.0" canopy 150" A/C Cable

**CC-2MF-150-SCL**

Powerfeed Canopy Suspension Kit with 2 Cables and Single Clips Ø5.0" canopy 150" A/C Cable

**SC-2FC5-DCL**

Dual Powerfeed Canopy Standard or Decorative Joiner Clips 150" A/C Cable



**60-H-0001-08**

Female Quick Connect with flying leads

**60-H-0002-08**

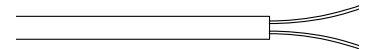
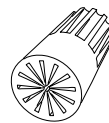
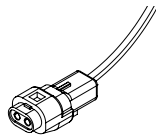
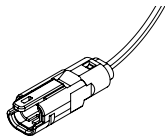
Male Quick Connect with flying leads

**60-12-22AWGSBWN**

Weatherproof Wire Nut Silicone Filled

**55-STW02-050-00**

50 ft of 14 gauge wire Black jacket, 2 conductors



Female Quick Connect with flying leads can be connected to the Power Supply at the start of a run. Can also be used with the Male Quick Connect to make wire jumpers. Use color suffix -08 for Black, -09 for Grey, or -10 for White

Male Quick Connect with flying leads can be used to make wire jumpers. Use color suffix -08 for Black, -09 for Grey, or -10 for White

Sunlight, moisture resistant, and flame retardant PVC jacket per UL 1277

# Plexineon Rings Suspended Mount

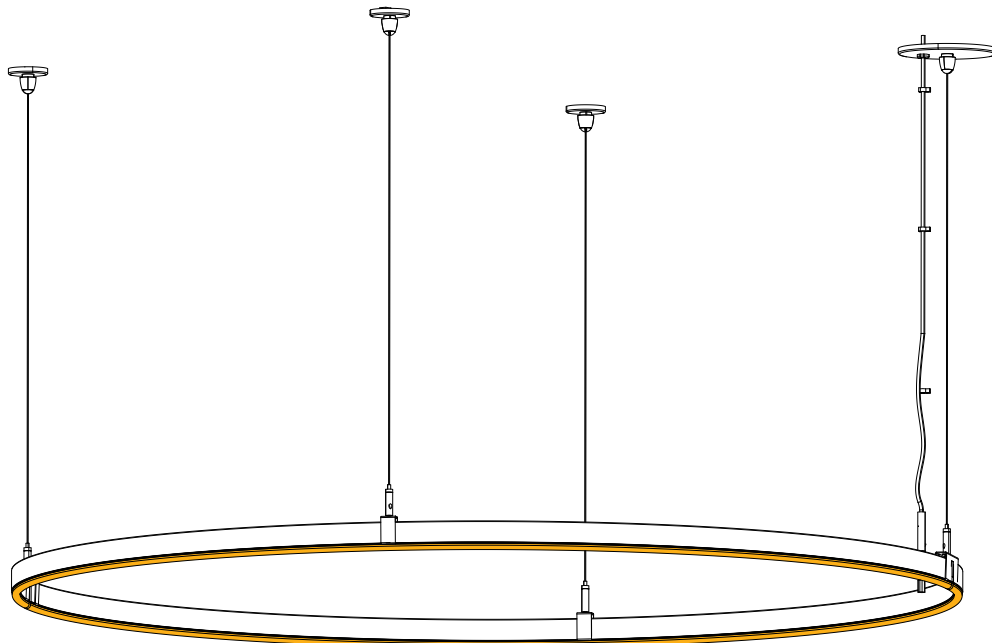
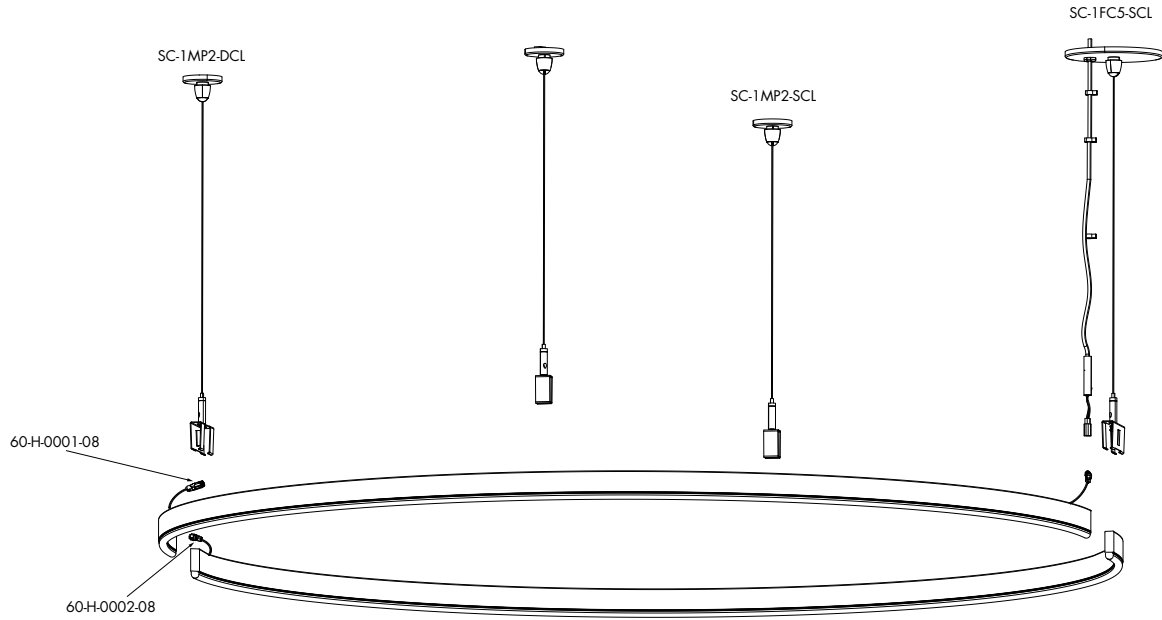
Static White and Monochrome Colors



## Sample Layout

**PX-48-HR-30K-SO-F-SP-GG-B-PFC**

Plexineon Horizontal Ring, Suspended Mounting Clips



# Plexineon Rings Suspended Mount

Static White and Monochrome Colors



ilight  
by luminii

## Common Applications

Custom Indoor Designs | Coves | Signs | Building Facades | Lobbies | Hallways | Statement Pieces | Restaurants

Corporate Offices | Schools | Residential Towers | Parking Garages | Hotels | Bridges | Benches | Airports





# Plexineon Rings Suspended Mount

Static White and Monochrome Colors



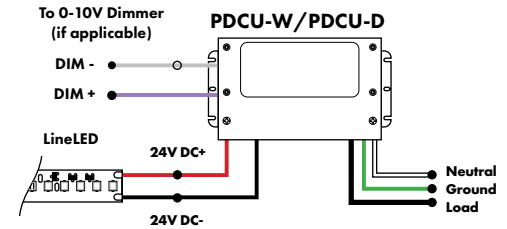
## Power Supplies

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.

### Universal Power Supply 1% 120VAC - 277VAC

MODEL	POWER	OUTPUT
PDCU-D - IP20 Dry Series	30 - 30 W 60 - 60 W 96 - 96 W 3X96 - 3X96 W	24 - 24 VDC
PDCU-W - IP66 Wet Series	96 - 96 W 3X96 - 3X96 W	

0-10V dims down to 1%, MLV/ELV/TRIAC dims down to 1%.  
For a complete list of compatible dimmers, see [Compatible Dimming Chart](#) on the Resources page.

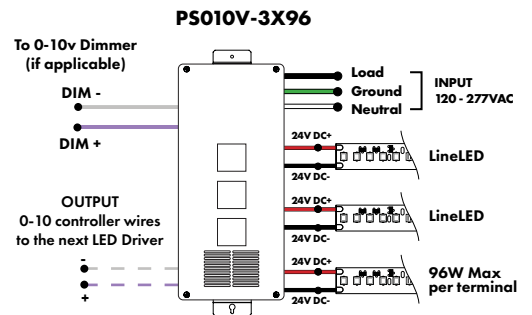
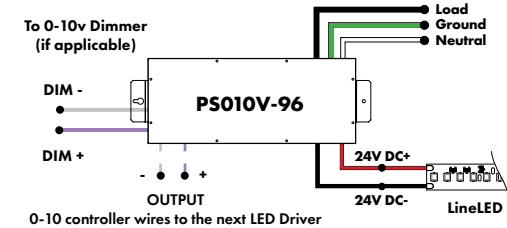


MODELS	PDCU-W 96W	PDCU-W 3X96W	PDCU-D 30W	PDCU-D 60W	PDCU-D 96W	PDCU-D 3X96W
<b>Length</b>	8.66"	11.85"	6.10"	7.93"	8.25"	9.57"
<b>Width</b>	3.73"	4.32"	3.35"	3.35"	4.10"	5.94"
<b>Depth</b>	1.61"	1.81"	1.33"	1.32"	1.56"	1.13"

### 0-10V Dimming Power Supplies 0.1% 120VAC - 277VAC

MODEL	POWER	OUTPUT	DIMMING
PS010V - 0-10V Power Supply dims down to 0.1%	96 - 96 Watt 3X96 - 3 X 96 Watt	24 - 24 VDC	LIN - Linear LOG - Logarithmic

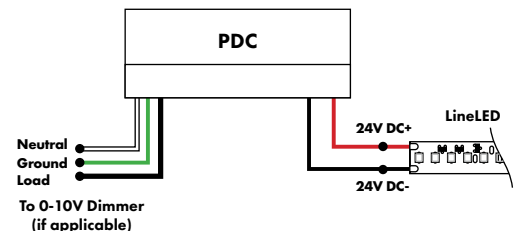
MODELS	96W	3X96
<b>Length</b>	14.40"	15.75"
<b>Width</b>	5.20"	6.62"
<b>Depth</b>	2.60"	4.95"



### Triac, MLV, & ELV Compatible Dimmers

MODEL	POWER	OUTPUT
PDC - (IP20) Power Supply	96 - 96 Watts	24 - 24 VDC

MODELS	96W
<b>Length</b>	8.25"
<b>Width</b>	4.10"
<b>Depth</b>	1.56"



# Plexineon Rings Suspended Mount

Static White and Monochrome Colors



## 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.

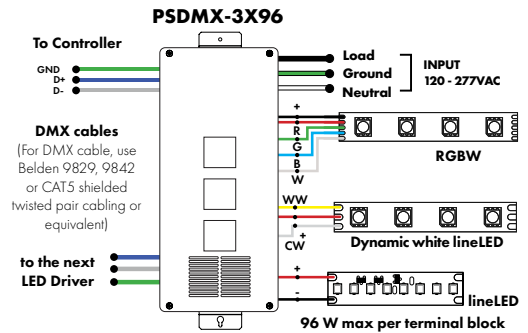
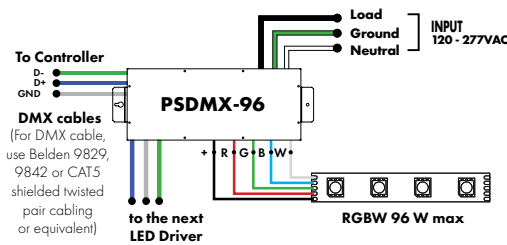
### DMX Dimming Power Supplies 120VAC - 277VAC

MODEL	POWER	OUTPUT
PSDMX	96 - 96 Watt 3X96 - 3 X 96 Watt	24 - 24 VDC

PSDMX - DMX Power Supply dims down to 0%

Features eldoLED's LINEARdrive configurable dimmable drivers

MODELS	96W	3X96
Length	14.40"	15.75"
Width	5.20"	6.62"
Depth	2.60"	4.95"



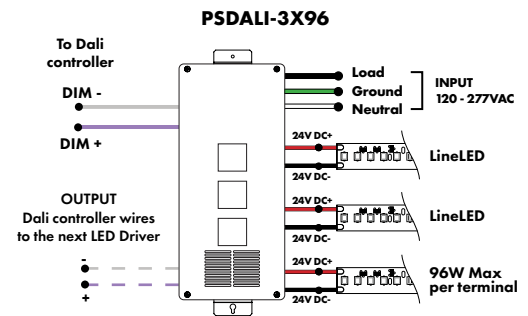
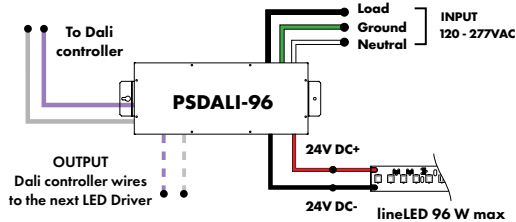
### DALI 0% Dimming Power Supplies 120VAC - 277VAC

MODEL	POWER	OUTPUT
PSDALI	96 - 96 Watt 3X96 - 3 X 96 Watt	24 - 24 VDC

PSDALI - DALI Power Supply dims down to 0%

Features eldoLED's LINEARdrive configurable dimmable drivers

Model	96W	3X96
Length	14.40"	15.75"
Width	5.20"	6.62"
Depth	2.60"	4.95"

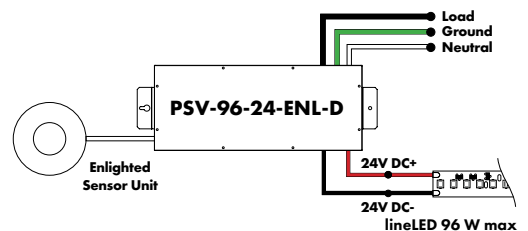


### Enlighted Enabled Dimming Power Supplies 120VAC - 277VAC

MODEL	POWER	OUTPUT	DIMMING	LOCATION
PSV - PSV Series	96 - 96 Watt	24 - 24 VDC	ENL - Enlighted Dimming dims down to 0%	D - Damp

PSV - PSV Series 96 - 96 Watt 24 - 24 VDC ENL - Enlighted Dimming dims down to 0% D - Damp

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



# Plexineon Rings Suspended Mount

Static White and Monochrome Colors



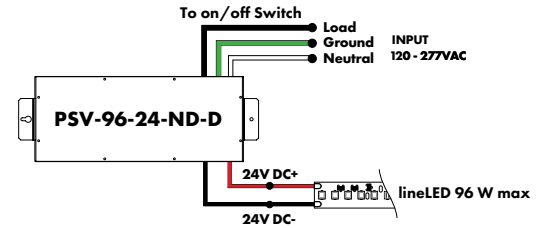
## Power Supplies

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.

### Non-Dimming Power Supply 120VAC - 277VAC

MODEL	POWER	OUTPUT	DIMMING	LOCATION
PSV - PSV Series	96 - 96 Watt	24 - 24 VDC	U2ND - Non Dimming	D - Damp

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



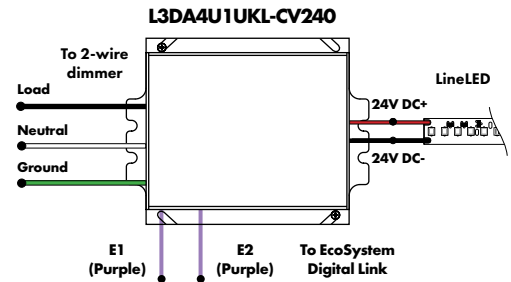
Luminii is a Lutron OEM Advantage Partner

### 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"



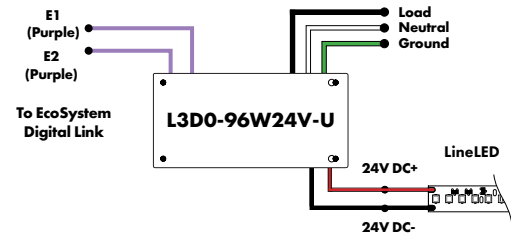
Luminii is a Lutron OEM Advantage Partner

### 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"



### In-Ground Power Supplies

MODEL	POWER	OUTPUT	INPUT
IG - In ground CVE Series CVE - ELV Dimming DALI - eldoLED Dali dimming Both dims down to 0%	96X2 - 2 X 96 Watt	24 - 24 VDC	Blank - 120 V 277 - 240/277 V

MODELS	Dual Circuit
Length	8.40"
Width	8.30"
Depth	8.10"

