



Features

Kurba Large is a dot free direct view, highly versatile, energy efficient and flexible LED strip suitable for outdoor wet locations capable of horizontal/side bends and vertical/top bends with a 6" bending radius. The silicone material offers excellent heat, weather, UV, and solvent resistance and has a special coating to repel dust and dirt accumulation.

Applications

Indoor/Outdoor dry & wet location

Materials

Silicone for red list approved, as well as heat, weather, UV, and solvent resistance

Dimming

Dimable down to 1%. Dot Free even illumination. Also available with Black Lens

Average Life (L70)

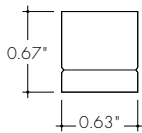
50,000 hours

Approvals

24VDC Class 2 wet listed, IP67

Warranty

3 years



Finish Options (see page 2 for additional information)

Base White



Technical Information

Model	Kurba 3 Side
Light Output at 3000K	396 lm/ft
Average Power Consumption at 4'	3.66 W/ft
Efficacy	108 lm/W
Ordering Increment	2.19"
Maximum Run Length (In Series)	26'
Operating Temperature Range	-40°F to 131°F

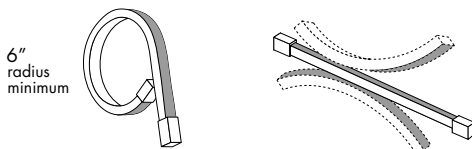
CCT INFO / LUMEN MULTIPLIER	
Color Temperature	Multiplier (ref. -3000K)
2200K	0.14
2400K	0.81
2700K	1.00
3000K	1.05
3500K	1.05
4000K	1.05

Note: 80 CRI

Constraints

Vertical Bend Direction

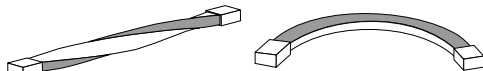
Bend LED in these positions only to avoid damage



Illuminated surface shown in gray

Vertical Prohibited Bends

Twisting or bending LED in these positions will cause damage



Illuminated surface shown in gray

Do not make sharp bends near the endcap

Ordering Code

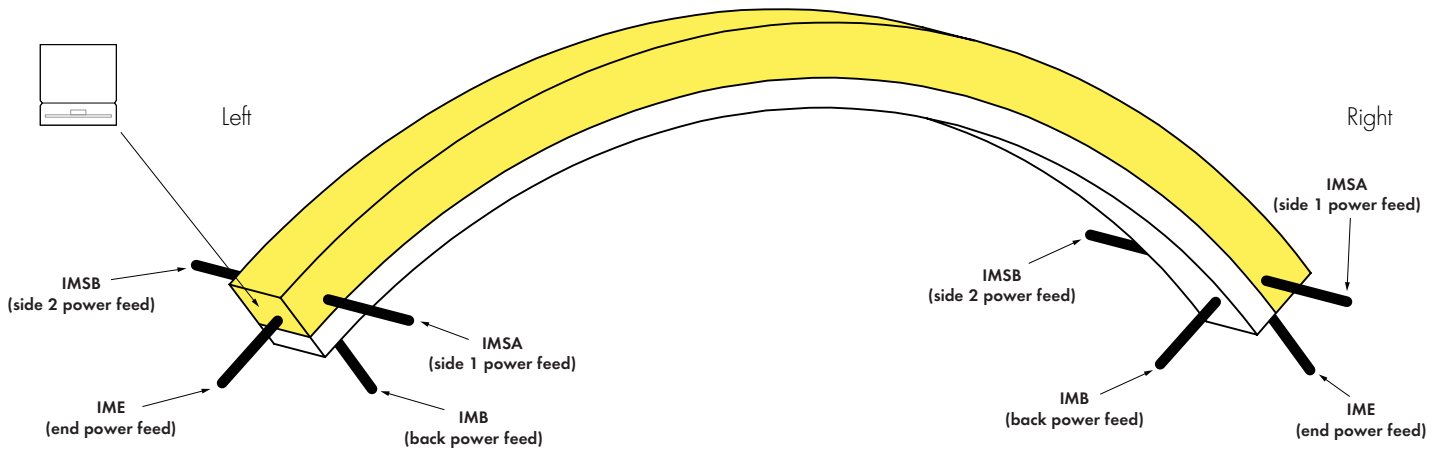
MODEL	RATING	BEND DIRECTION	LENGTH	OUTPUT ¹	CCT	LENS	MOUNTING	FINISH	FEED POSITION LEFT	FEED POSITION RIGHT
KBL-Kurba Large	W-Wet	VB-Vertical Bending	SEE PCC CHART ON PAGE 5	3850-Standard	22K-2200K 27K-2700K 30K-3000K 35K-3500K 40K-4000K 57K-5700K	3SF-3-Side Emitting Silicone Frosted	NA-See Page 6 for orderable mounting accessories	WH-White	INJECTION MOLD IME-End Feed 1 IMB-Back Feed 1 IMSA-Side 1 Feed IMSB-Side 2 Feed NPF-No Power Feed ²	INJECTION MOLD IME-End Feed 1 IMB-Back Feed 1 IMSA-Side 1 Feed IMSB-Side 2 Feed NPF-No Power Feed ²

Feeds come with 90" wire leads

1 - Title 24 JA8 compliant depending on Output, CCT, and Lens selections. See Technical Information and Lens Transmission charts to calculate specific efficacies.
2 - NPF-NPF for Feed Position 1&2 is not a valid configuration option

Powerfeeds and Connectors

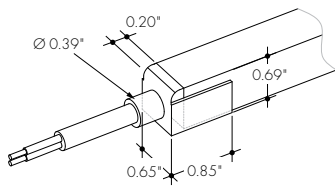
Power Feed Position Options and Orientation



Linking and Extension Cable Options

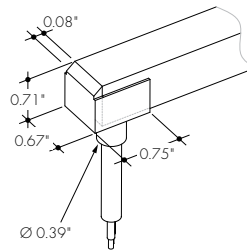
END CONNECTOR

Injection-molded End Connector
-IME



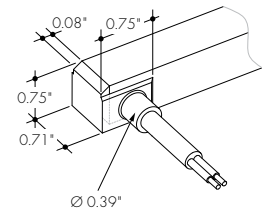
BACK CONNECTOR

Injection-molded Back Connector
-IMB



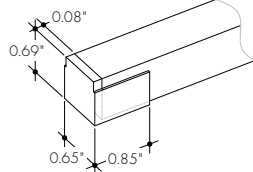
SIDE CONNECTOR

Injection-molded Side Connector
-IMSA and -IMSB



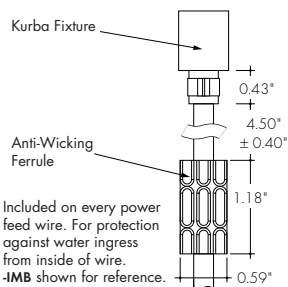
ENDCAP (NO CONNECTOR)

Injection-molded Cap (No Connector)
-NPF

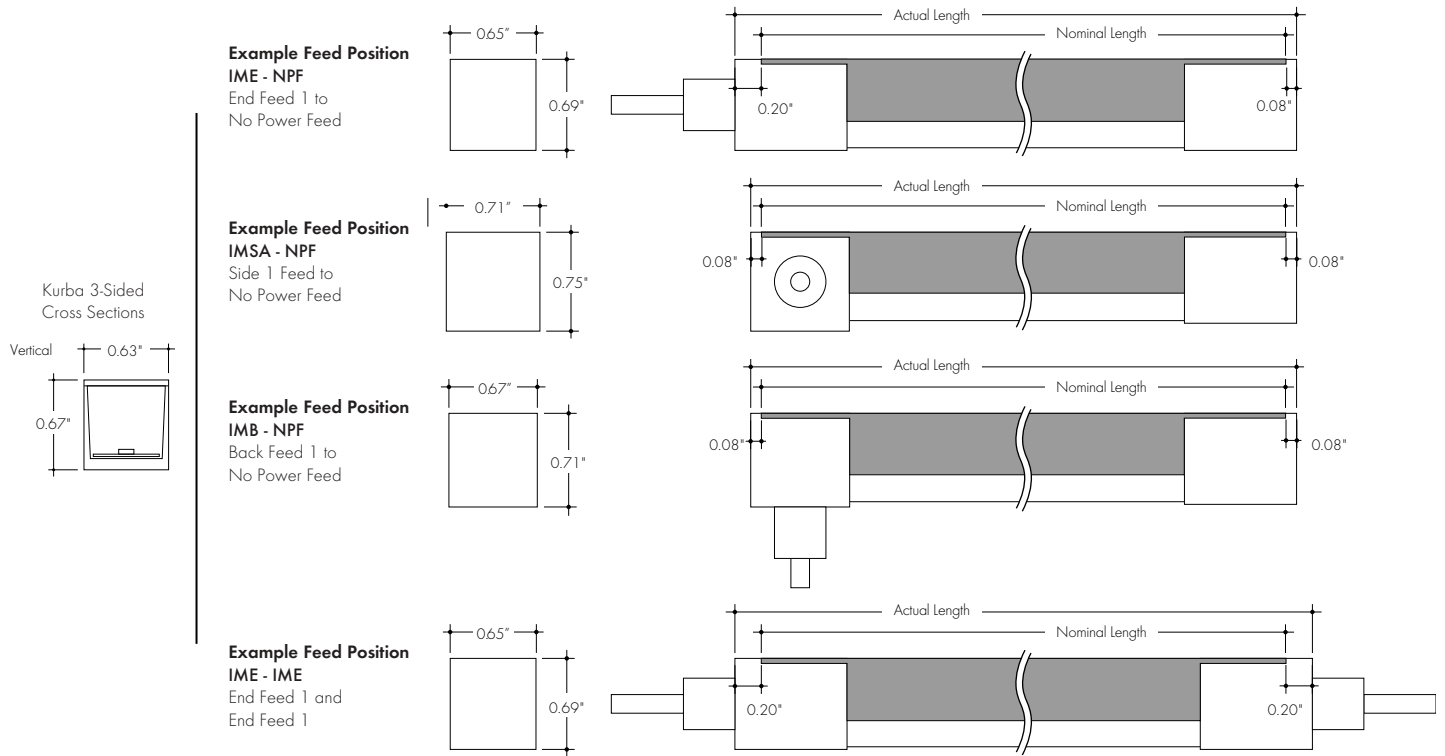


ANTI-WICKING FERRULE

Included on every power feed wire



Product Dimensions



Finish Options



Kurba's base finish is a crisp white which brings a timeless, clean aesthetic that brightens and enhances any space

Light Transmission and Dotting

Output Options	Lens/Accessory
	Silicone Frosted/ White Finish
HE38LO	ND
Transmission Percentage	100%

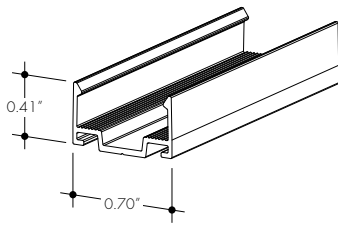


CD SD ND
 CD - Clear Dotting
 SD - Slight Dotting
 ND - No Dotting

Mounting Accessories and Optional Connectors

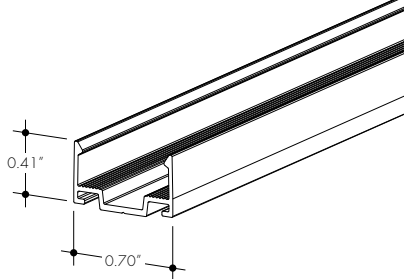
MC-KBL-3SF-SAP-SM-0.8-SA

KBL 3-Side Emitting Mounting Channel, Serrated Aluminum Profile, Surface Mount, 0.8in, Silver Anodized



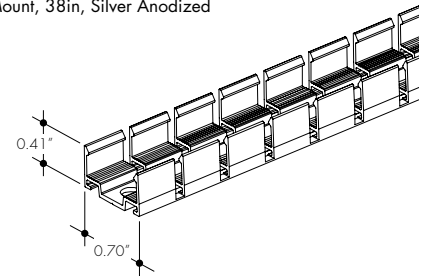
MC-KBL-3SF-SAP-SM-78-SA

KBL 3-Side Emitting Mounting Channel, Serrated Aluminum Profile, Surface Mount, 78in, Silver Anodized



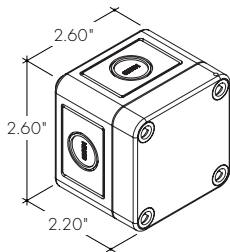
MC-KBL-3SF-BSAP-VB-SM-38-SA

KBL 3-Side Emitting Mounting Channel, Bendable Serrated Aluminum Profile, Vertical Bending, Surface Mount, 38in, Silver Anodized



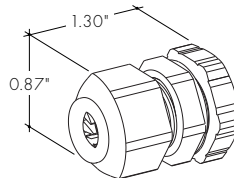
LVSP-WET

Splice box: wet rated, low voltage, gray



LVSP-WET-CM

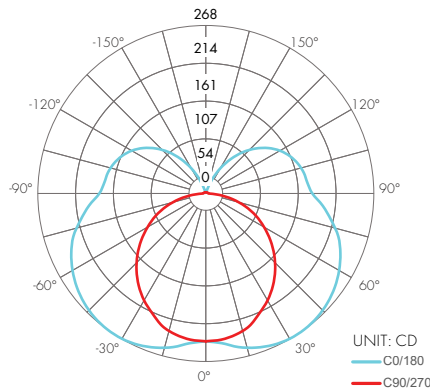
Connector for splice box, low voltage for cable management, gray



Photometry

KBL-W-VB-48-38SO-30K-3SF-NA-WH

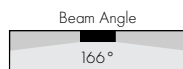
Kurba Large , 3-Side Emmiting, 4ft, 3000K, 38SO Output, Silicone Frosted Lens



Zonal Lumen Summary 3000K

Zone	Lumen	% Fixture
0-30	201	12.7%
0-40	285	18.0%
0-60	691	43.6%
0-90	1146	72.3%
0-180	1584	100.0%

Total



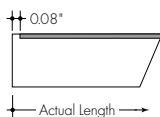
3850 | Power Consumption Per Fixture Length

Based on operation with PDCU series of power supplies. Use Actual Length for Order Code Entry.
 Tolerance for Actual Lengths less than 6 ft is +/- 0.2", Actual Lengths between 6 ft and 16 ft is +/- 0.3", and Actual Lengths greater than 16 ft is +/- 0.6"
 A - End Connector at both ends of Kurba (0.20" + 0.20" added to overall length)
 B - End Connector at one end of Kurba and No Connector or Back Connector or Side Connector at other end of Kurba (0.20" + 0.08" added to overall length)
 C - Any combination of No Connector, Back Connector, or Side Connector on each end of Kurba (0.08" + 0.08" added to overall length)

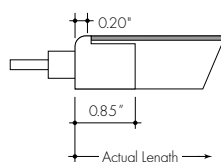
Nominal Length (in)	Actual Length (in)				Nominal Length (in)	Actual Length (in)				Nominal Length (in)	Actual Length (in)				Nominal Length (in)	Actual Length (in)			
	W	A	B	C		W	A	B	C		W	A	B	C		W	A	B	C
7	2.1	7.0	6.8	6.7	86	26.1	85.7	85.6	85.5	165	50.1	164.5	164.3	164.2	243	74.1	243.2	243.1	243.0
9	2.8	9.1	9.0	8.9	88	26.8	87.9	87.8	87.7	167	50.8	166.6	166.5	166.4	246	74.8	245.4	245.3	245.1
(1 ft) 11	3.5	11.3	11.2	11.1	90	27.5	90.1	90.0	89.8	(14 ft) 169	51.5	168.8	168.7	168.6	248	75.5	247.6	247.5	247.3
14	4.1	13.5	13.4	13.3	92	28.1	92.3	92.2	92.0	171	52.1	171.0	170.9	170.8	250	76.1	249.8	249.6	249.5
16	4.8	15.7	15.6	15.5	95	28.8	94.5	94.3	94.2	173	52.8	173.2	173.1	173.0	(21 ft) 252	76.8	252.0	251.8	251.7
18	5.5	17.9	17.8	17.7	(8 ft) 97	29.5	96.6	96.5	96.4	176	53.5	175.4	175.3	175.2	254	77.5	254.1	254.0	253.9
20	6.1	20.1	20.0	19.8	99	30.1	98.8	98.7	98.6	178	54.1	177.6	177.5	177.3	257	78.1	256.3	256.2	256.1
22	6.8	22.3	22.2	22.0	101	30.8	101.0	100.9	100.8	(15 ft) 180	54.8	179.8	179.6	179.5	259	78.8	258.5	258.4	258.3
(2 ft) 24	7.5	24.5	24.3	24.2	103	31.5	103.2	103.1	103.0	182	55.5	182.0	181.8	181.7	261	79.5	260.7	260.6	260.5
27	8.1	26.6	26.5	26.4	106	32.1	105.4	105.3	105.2	184	56.1	184.1	184.0	183.9	(22 ft) 263	80.1	262.9	262.8	262.6
29	8.8	28.8	28.7	28.6	(9 ft) 108	32.8	107.6	107.5	107.3	187	56.8	186.3	186.2	186.1	265	80.8	265.1	265.0	264.8
31	9.5	31.0	30.9	30.8	110	33.5	109.8	109.7	109.5	189	57.5	188.5	188.4	188.3	268	81.5	267.3	267.1	267.0
33	10.1	33.2	33.1	33.0	112	34.1	112.0	111.8	111.7	(16 ft) 191	58.1	190.7	190.6	190.5	270	82.1	269.5	269.3	269.2
(3 ft) 35	10.8	35.4	35.3	35.2	114	34.8	114.1	114.0	113.9	193	58.8	192.9	192.8	192.7	272	82.8	271.6	271.5	271.4
38	11.5	37.6	37.5	37.3	116	35.5	116.3	116.2	116.1	195	59.5	195.1	195.0	194.8	274	83.5	273.8	273.7	273.6
40	12.1	39.8	39.7	39.5	119	36.1	118.5	118.4	118.3	198	60.1	197.3	197.1	197.0	(23 ft) 276	84.2	276.0	275.9	275.8
42	12.8	42.0	41.8	41.7	(10 ft) 121	36.8	120.7	120.6	120.5	200	60.8	199.5	199.3	199.2	279	84.8	278.2	278.1	278.0
44	13.5	44.1	44.0	43.9	123	37.5	122.9	122.8	122.7	202	61.5	201.6	201.5	201.4	281	85.5	280.4	280.3	280.1
46	14.1	46.3	46.2	46.1	125	38.1	125.1	125.0	124.8	(17 ft) 204	62.1	203.8	203.7	203.6	283	86.2	282.6	282.5	282.3
(4 ft) 49	14.8	48.5	48.4	48.3	127	38.8	127.3	127.1	127.0	206	62.8	206.0	205.9	205.8	285	86.8	284.8	284.6	284.5
51	15.5	50.7	50.6	50.5	130	39.5	129.5	129.3	129.2	208	63.5	208.2	208.1	208.0	(24 ft) 287	87.5	286.9	286.8	286.7
53	16.1	52.9	52.8	52.7	(11 ft) 132	40.1	131.6	131.5	131.4	211	64.1	210.4	210.3	210.2	289	88.2	289.1	289.0	288.9
55	16.8	55.1	55.0	54.8	134	40.8	133.8	133.7	133.6	213	64.8	212.6	212.5	212.3	292	88.8	291.3	291.2	291.1
57	17.5	57.3	57.2	57.0	136	41.5	136.0	135.9	135.8	(18 ft) 215	65.5	214.8	214.6	214.5	294	89.5	293.5	293.4	293.3
(5 ft) 60	18.1	59.5	59.3	59.2	138	42.1	138.2	138.1	138.0	217	66.1	217.0	216.8	216.7	296	90.2	295.7	295.6	295.5
62	18.8	61.6	61.5	61.4	141	42.8	140.4	140.3	140.2	219	66.8	219.1	219.0	218.9	298	90.8	297.9	297.8	297.6
64	19.5	63.8	63.7	63.6	143	43.5	142.6	142.5	142.3	222	67.5	221.3	221.2	221.1	(25 ft) 300	91.5	300.1	300.0	299.8
66	20.1	66.0	65.9	65.8	(12 ft) 145	44.1	144.8	144.6	144.5	224	68.1	223.5	223.4	223.3	302	92.2	302.3	302.1	302.0
68	20.8	68.2	68.1	68.0	147	44.8	147.0	146.8	146.7	226	68.8	225.7	225.6	225.5	304	92.8	304.4	304.3	304.2
70	21.5	70.4	70.3	70.2	149	45.5	149.1	149.0	148.9	(19 ft) 228	69.5	227.9	227.8	227.6	307	93.5	306.6	306.5	306.4
(6 ft) 73	22.1	72.6	72.5	72.3	152	46.1	151.3	151.2	151.1	230	70.1	230.1	230.0	229.8	309	94.2	308.8	308.7	308.6
75	22.8	74.8	74.7	74.5	154	46.8	153.5	153.4	153.3	233	70.8	232.3	232.1	232.0	(26 ft) 311	94.8	311.0	310.9	310.8
77	23.5	77.0	76.8	76.7	(13 ft) 156	47.5	155.7	155.6	155.5	235	71.5	234.5	234.3	234.2					
80	24.1	79.1	79.0	78.9	158	48.1	157.9	157.8	157.7	237	72.1	236.6	236.5	236.4					
81	24.8	81.3	81.2	81.1	160	48.8	160.1	160.0	159.8	(20 ft) 239	72.8	238.8	238.7	238.6					
(7 ft) 84	25.5	83.5	83.4	83.3	162	49.5	162.3	162.1	162.0	241	73.5	241.0	240.9	240.8					

Note: all values are rounded to the nearest 0.1 inch

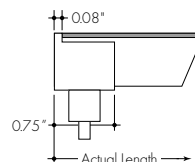
Endcap (No Connector) -NPF



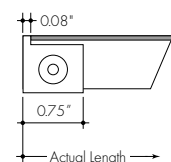
End Connector -IME



Back Connector -IMB



Side Connector -IMSA -IMSB

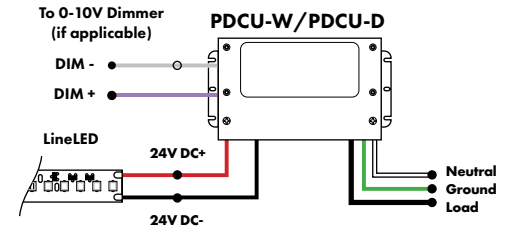


Power Supplies

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	



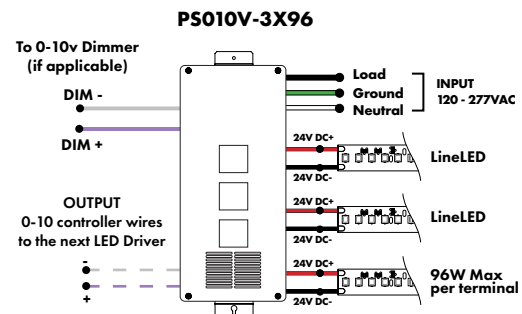
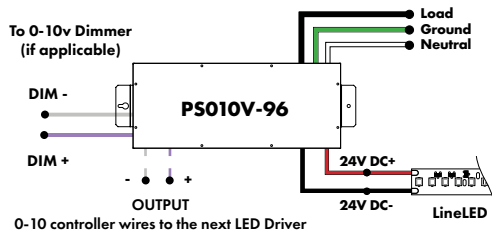
0-10V dims down to 1%, MLV/ELV/TRIAC dims down to 1%.
For a complete list of compatible dimmers, see [Compatible Dimming Chart](#) on the Resources page.

MODELS	PDCU-W 96W	PDCU-W 3X96W	PDCU-D 30W	PDCU-D 60W	PDCU-D 96W	PDCU-D 3X96W
Length	8.66"	11.85"	6.10"	7.93"	8.25"	9.57"
Width	3.73"	4.32"	3.35"	3.35"	4.10"	5.94"
Depth	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
Length	14.40"	15.75"
Width	5.20"	6.62"
Depth	2.60"	4.95"



Power Supplies

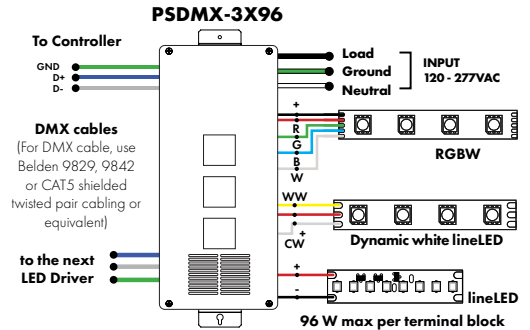
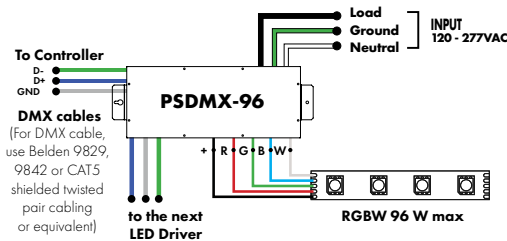
See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

DMX Dimming Power Supplies 120VAC - 277VAC

MODEL	POWER	OUTPUT
PSDMX - DMX Power Supply dims down to 0%	96 - 96 Watt 3X96 - 3 X 96 Watt	24 - 24 VDC

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"

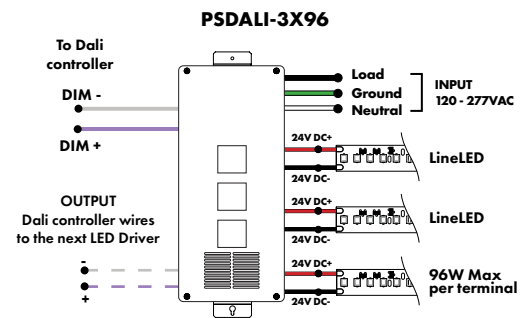
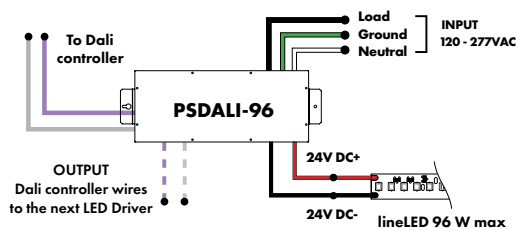


DALI 0% Dimming Power Supplies 120VAC - 277VAC

MODEL	POWER	OUTPUT
PSDALI - DALI Power Supply dims down to 0%	96 - 96 Watt 3X96 - 3 X 96 Watt	24 - 24 VDC

Features eldoLED's LINEARdrive configurable dimmable drivers

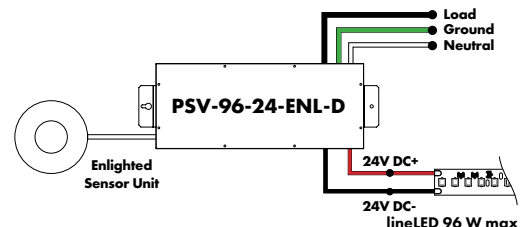
Model	96W	3X96
Length	14.40"	15.75"
Width	5.20"	6.62"
Depth	2.60"	4.95"



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

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



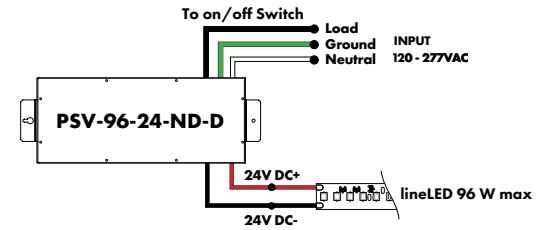
Power Supplies

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	ND - Non Dimming	D - Damp

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



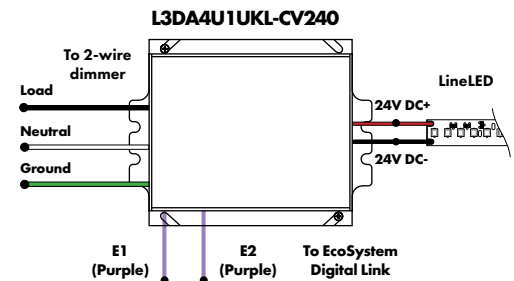
Luminii is a Lutron OEM Advantage Partner

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"



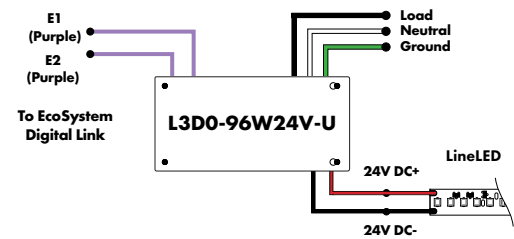
Luminii is a Lutron OEM Advantage Partner

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"

