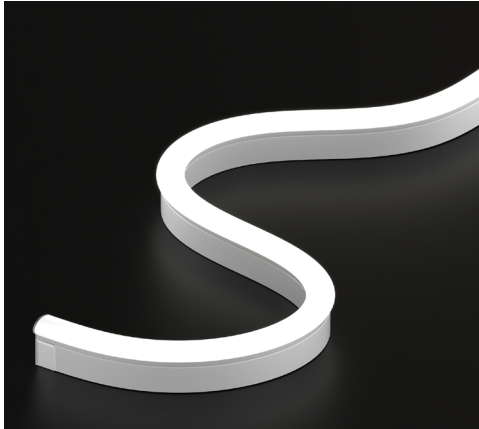




Features

Kurba Medium Domed is a dot free direct view, narrow profile, energy efficient and flexible LED strip suitable for outdoor wet locations capable of horizontal/side bends with a 2.5" 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

Dot Free even illumination. Unique Domed lens for wide view angle. Dimable down to 1%

Average Life (L70)

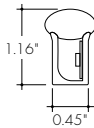
50,000 Hours

Approvals

24VDC Class 2 wet listed, IP68

Warranty

5 years



Finish Options (see page 2 for additional information)

Base ☐ White

RoHS Declare.



Technical Information

Bending Direction	Horizontal
Output	2250
Light Output at 3000K, 80 CRI	158 lm/ft
Average Power Consumption at 4'	3.66 W/ft
Efficacy	43 lm/W
Ordering Increment	3.28"
Maximum Run Length (In Series)	26'
Operating Temperature Range	-40°F to 131°F

CCT INFO / LUMEN MULTIPLIER (ref. -3000K)

Bending Direction	Horizontal	
CRI	80 CRI	90 CRI
2200K	0.84	0.78
2400K	0.97	0.77
2700K	0.97	0.77
3000K	1.00	0.80
3500K	1.00	0.91
4000K	1.00	0.97

Ordering Code

MODEL	BEND DIRECTION	LENGTH	OUTPUT	CCT	CRI	LENS	MOUNTING	FINISH	FEED POSITION LEFT	FEED POSITION RIGHT
KBM-W - Kurba Medium Wet	HB - Horizontal Bending	SEE PCC CHART ON PAGE 6	2250 - Standard	22K - 2200K 24K - 2400K ¹ 27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	R80 - 80CRI R90 - 90CRI	DSF - Domed Lens	NA - See Page 4 for orderable mounting accessories	WH - White	INJECTION MOLD IME - End Feed 1 IMB - Back Feed 1 IMSA - Side A Feed NPF - No Power Feed ²	INJECTION MOLD IME - End Feed 1 IMB - Back Feed 1 IMSA - Side A Feed NPF - No Power Feed ²

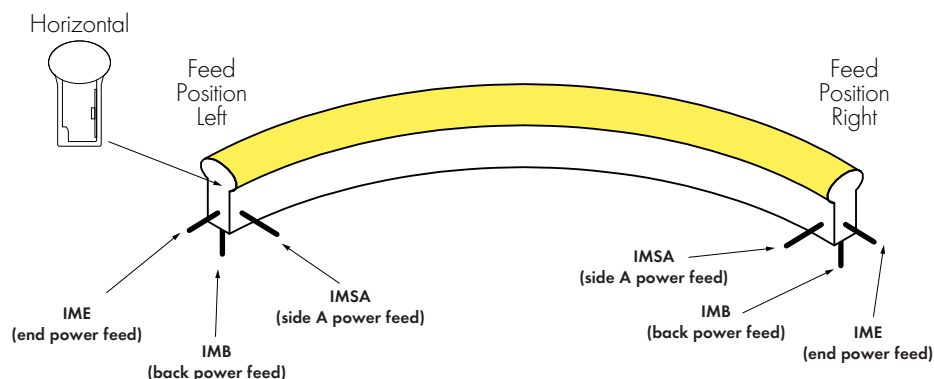
Feeds come with 118" wire leads

1 - 24K CCT option not available for R90 CRI option

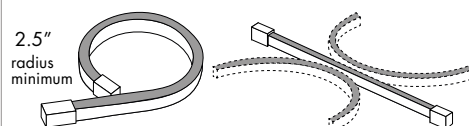
2 - NPF-NPF for Feed Position Left and Right is not a valid configuration option

Powerfeeds and Connectors

Power Feed Position Options and Orientation



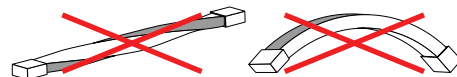
Horizontal Bend Direction



Illuminated surface shown in gray

Horizontal Prohibited Bends

Twisting or bending LED in these positions will cause damage



Illuminated surface shown in gray

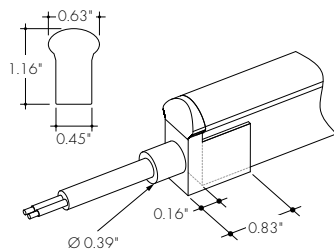
Do not make sharp bends near the endcap

Linking and Extension Cable Options

END CONNECTOR

Injection-molded End Connector

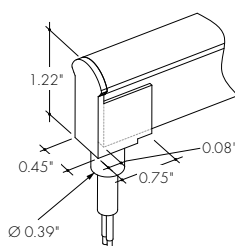
-IME



BACK CONNECTOR

Injection-molded Back Connector

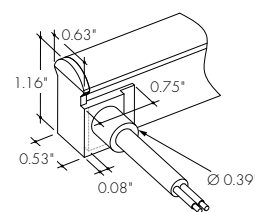
-IMB



SIDE CONNECTOR

Injection-molded Side Connector

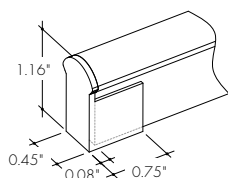
-IMSA



ENDCAP (NO CONNECTOR)

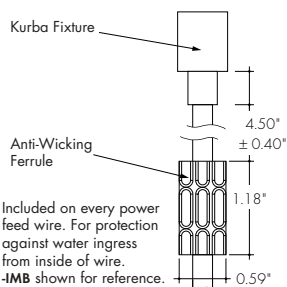
Injection-molded Cap (No Connector)

-NPF



ANTI-WICKING FERRULE

Included on every power feed wire



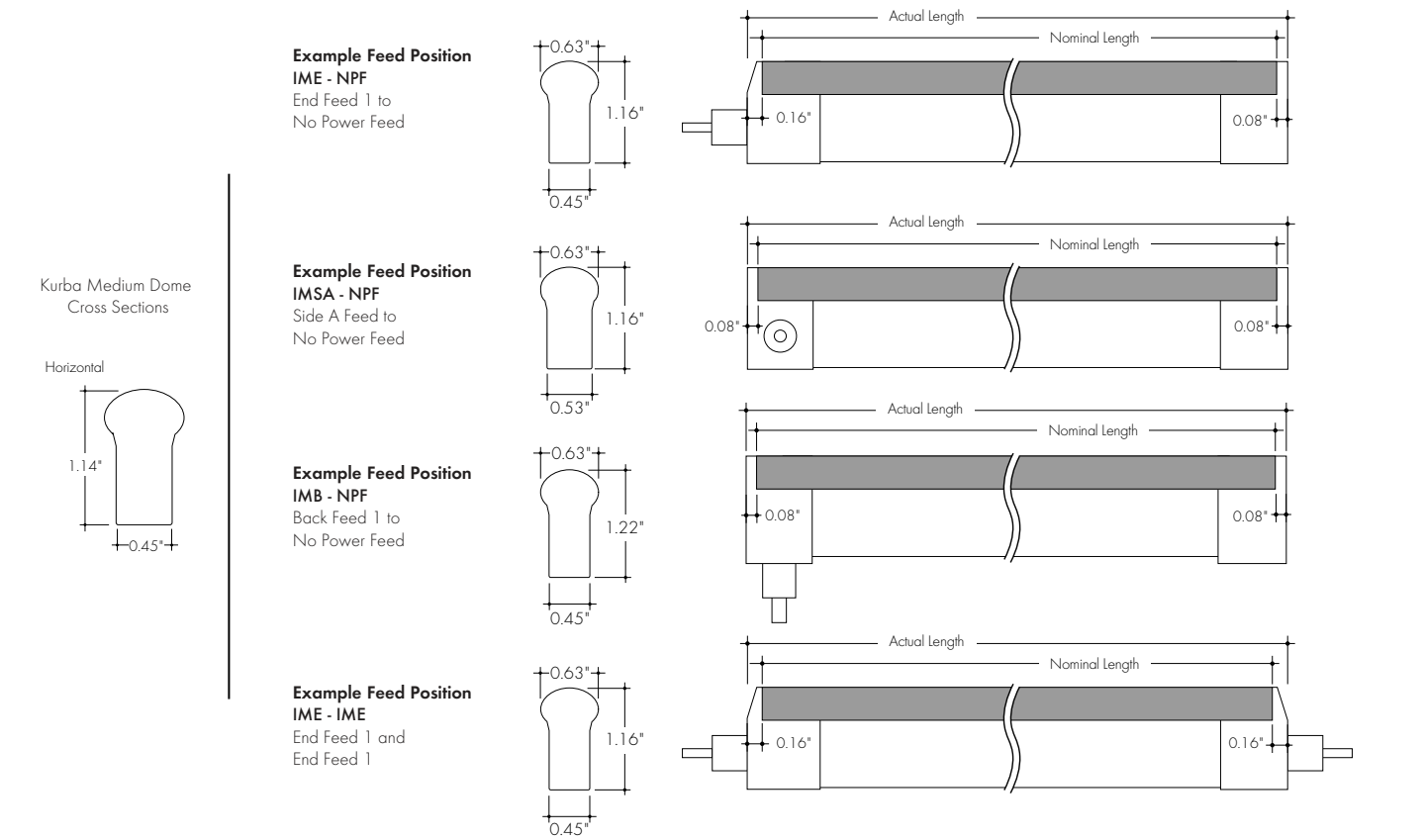
POWER FEED OPTIONS

Feeds come with 118 inch wire leads



2 Conductor, 18 AWG

Product Dimensions

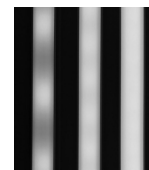


Finish Options



Light Transmission and Dotting

Output Options	Lens/Finish
	Domed Lens/ White Finish
22SO	ND
Transmission Percentage	100%



CD SD ND

CD - Clear Dotting

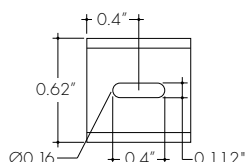
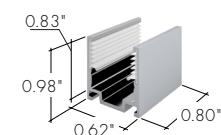
SD - Slight Dotting

ND - No Dotting

Mounting Accessories & Optional Connectors

MC-KBM-SAP-SM-0.8-SA

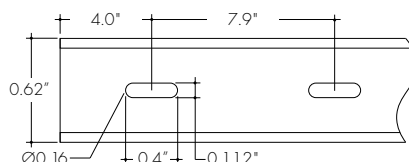
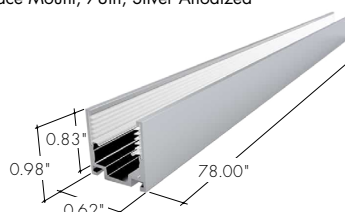
KBM Mounting Channel, Serrated Aluminum Profile, Surface Mount, 0.8in, Silver Anodized



For use with light strip mounted to the ceiling. 1 recommended every 8 in. Includes 1 mounting screw

MC-KBM-SAP-SM-78-SA

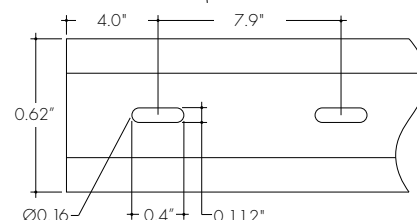
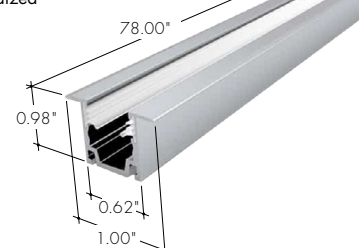
KBM Mounting Channel, Serrated Aluminum Profile, Surface Mount, 78in, Silver Anodized



For use with light strip mounted to the ceiling. Includes 10 mounting screws

MC-KBM-FSAP-TR-78-SA

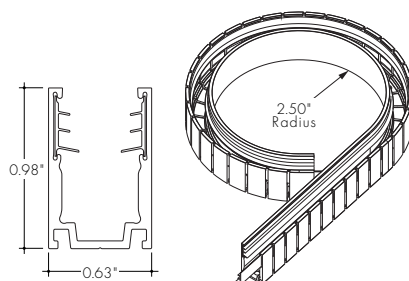
KBM Mounting Channel, Flanged Serrated Aluminum Profile, Trimmed Recessed Mount, 78in, Silver Anodized



Flanged aluminum mounting channel providing grip. For use with light strip recessed into the ceiling. Includes 10 mounting screws

MC-KBM-BSAP-HB-SM-38-SA

KBM Mounting Channel, Bendable Serrated Aluminum Profile, Horizontal Bending, Surface Mount, 38in, Silver Anodized

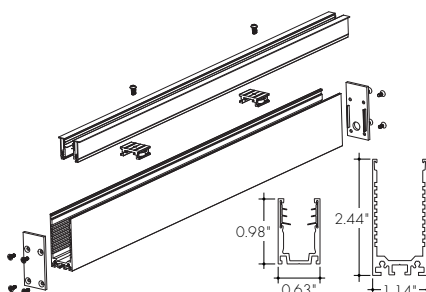


For use with light strip mounted to the ceiling. Mounting Channel Bending Radius is 4.00" in opposite direction. Includes 10 mounting screws

NOTE: For use with **HB** - Horizontal Bend only.

MC-KBM-RCWY-SM-78-SA

KBM Mounting Channel, Raceway, Surface Mount, 78in, Silver Anodized

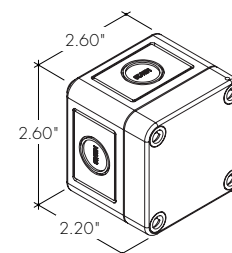


Raceway channel allows for hidden cable management and is a superb option where tidiness is required.

NOTE: Compatible with **IMB** - Back Feed only

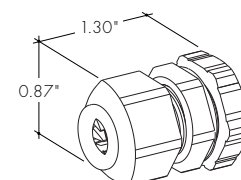
LVSP-WET

Splice box: wet rated, low voltage, gray, IP66



LVSP-WET-CM

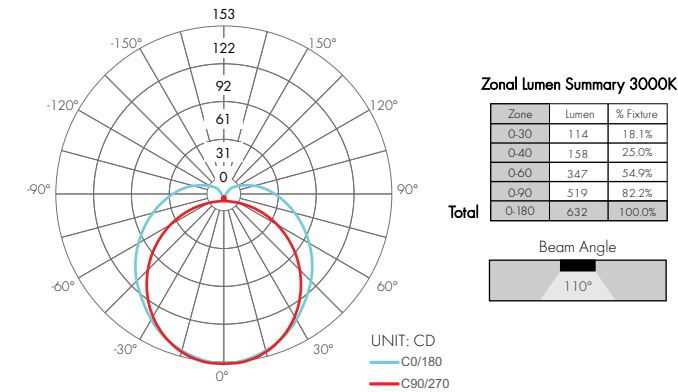
Connector for splice box, low voltage for cable management, gray



Mounting Accessories and Optional Connectors

Photometry

KBM-W-HB-48-22SO-30K-R80-DSF-NA-WH
Kurba Medium, Horizontal Bend, 4ft, 3000K, 80 CRI, 22SO, Domed Silicone Frosted Lens



22SO | Power Consumption Per Fixture Length

Based on operation with PS-UNI series of power supplies. Use Actual Length for Order Code Entry.

Tolerance for Actual Lengths less than 6 ft is $\pm 0.2"$, Actual Lengths between 6 ft and 16 ft is $\pm 0.3"$, and Actual Lengths greater than 16 ft is $\pm 0.6"$

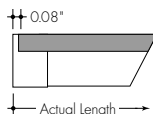
A - End Connector at both ends of Kurba (0.16" + 0.16" added to overall length)

B - End Connector at one end of Kurba and No Connector or Back Connector or Side Connector at other end of Kurba (0.16" + 0.08" added to overall length)

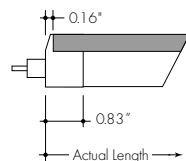
C - Any combination of No Connector, Back Connector, or Side Connector on each end of Kurba (0.08" + 0.08" added to overall length)

Nominal Length (in)	Actual Length (in)				Nominal Length (in)	Actual Length (in)				Nominal Length (in)	Actual Length (in)			
	W	A	B	C		W	A	B	C		W	A	B	C
7	2.1	6.9	6.8	6.7	125	38.1	125.0	124.9	124.8	243	74.1	243.1	243.0	242.9
10	3.1	10.2	10.1	10.0	128	39.1	128.3	128.2	128.1	246	75.1	246.4	246.3	246.2
(1 ft) 14	4.1	13.4	13.4	13.3	(11 ft) 132	40.1	131.5	131.5	131.4	250	76.1	249.7	249.6	249.5
17	5.1	16.7	16.6	16.6	135	41.1	134.8	134.7	134.7	(21 ft) 253	77.1	252.9	252.9	252.8
20	6.1	20.0	19.9	19.8	138	42.1	138.1	138.0	137.9	256	78.1	256.2	256.1	256.1
(2 ft) 23	7.1	23.3	23.2	23.1	141	43.1	141.4	141.3	141.2	260	79.1	259.5	259.4	259.3
27	8.1	26.6	26.5	26.4	(12 ft) 145	44.1	144.7	144.6	144.5	(22 ft) 263	80.1	262.8	262.7	262.6
30	9.1	29.8	29.8	29.7	148	45.1	148.0	147.9	147.8	266	81.1	266.1	266.0	265.9
33	10.1	33.1	33.0	33.0	151	46.1	151.2	151.2	151.1	269	82.1	269.3	269.3	269.2
(3 ft) 36	11.1	36.4	36.3	36.2	(13 ft) 155	47.1	154.5	154.4	154.4	273	83.1	272.6	272.5	272.5
40	12.1	39.7	39.6	39.5	158	48.1	157.8	157.7	157.6	(23 ft) 276	84.1	275.9	275.8	275.7
43	13.1	43.0	42.9	42.8	161	49.1	161.1	161.0	160.9	279	85.1	279.2	279.1	279.0
46	14.1	46.2	46.2	46.1	164	50.1	164.4	164.3	164.2	282	86.1	282.5	282.4	282.3
(4 ft) 50	15.1	49.5	49.5	49.4	(14 ft) 168	51.1	167.6	167.6	167.5	286	87.1	285.7	285.7	285.6
53	16.1	52.8	52.7	52.7	171	52.1	170.9	170.8	170.8	(24 ft) 289	88.1	289.0	288.9	288.9
56	17.1	56.1	56.0	55.9	174	53.1	174.2	174.1	174.0	292	89.1	292.3	292.2	292.1
(5 ft) 59	18.1	59.4	59.3	59.2	178	54.1	177.5	177.4	177.3	296	90.1	295.6	295.5	295.4
63	19.1	62.7	62.6	62.5	(15 ft) 181	55.1	180.8	180.7	180.6	(25 ft) 299	91.1	298.9	298.8	298.7
66	20.1	65.9	65.9	65.8	184	56.1	184.0	184.0	183.9	302	92.1	302.1	302.1	302.0
69	21.1	69.2	69.1	69.1	187	57.1	187.3	187.2	187.2	305	93.1	305.4	305.3	305.3
(6 ft) 73	22.1	72.5	72.4	72.3	(16 ft) 191	58.1	190.6	190.5	190.4	309	94.1	308.7	308.6	308.5
76	23.1	75.8	75.7	75.6	194	59.1	193.9	193.8	193.7	(26 ft) 312	95.1	312.0	311.9	311.8
79	24.1	79.1	79.0	78.9	197	60.1	197.2	197.1	197.0	Note: all values are rounded to the nearest 0.1 inch				
(7 ft) 82	25.1	82.3	82.3	82.2	200	61.1	200.4	200.4	200.3					
86	26.1	85.6	85.5	85.5	(17 ft) 204	62.1	203.7	203.6	203.6					
89	27.1	88.9	88.8	88.7	207	63.1	207.0	206.9	206.8					
92	28.1	92.2	92.1	92.0	210	64.1	210.3	210.2	210.1					
(8 ft) 96	29.1	95.5	95.4	95.3	214	65.1	213.6	213.5	213.4					
99	30.1	98.7	98.7	98.6	(18 ft) 217	66.1	216.8	216.8	216.7					
102	31.1	102.0	101.9	101.9	220	67.1	220.1	220.0	220.0					
105	32.1	105.3	105.2	105.1	223	68.1	223.4	223.3	223.2					
(9 ft) 109	33.1	108.6	108.5	108.4	(19 ft) 227	69.1	226.7	226.6	226.5					
112	34.1	111.9	111.8	111.7	230	70.1	230.0	229.9	229.8					
115	35.1	115.1	115.1	115.0	233	71.1	233.3	233.2	233.1					
(10 ft) 118	36.1	118.4	118.3	118.3	237	72.1	236.5	236.5	236.4					
122	37.1	121.7	121.6	121.5	(20 ft) 240	73.1	239.8	239.7	239.7					

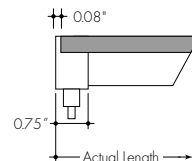
Endcap (No Connector) -NPF



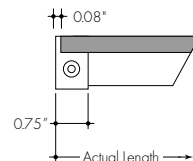
End Connector -IME



Back Connector -IMB



Side Connector -IMSA and -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.

For use with Static White

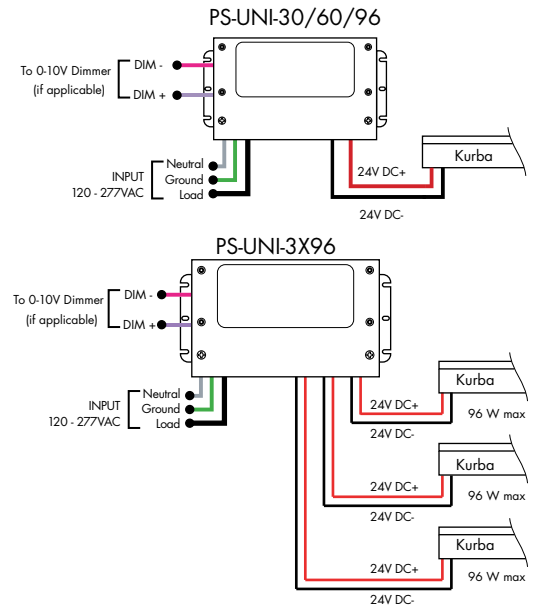
Ordering Code - Universal Dimming Power Supplies 0.1% 120VAC - 277VAC

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"

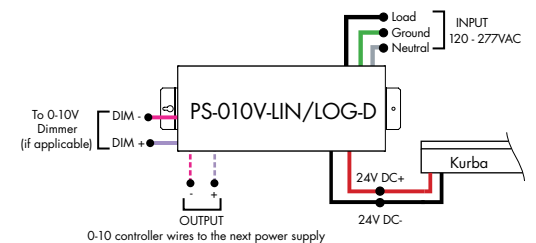


For use with Static White

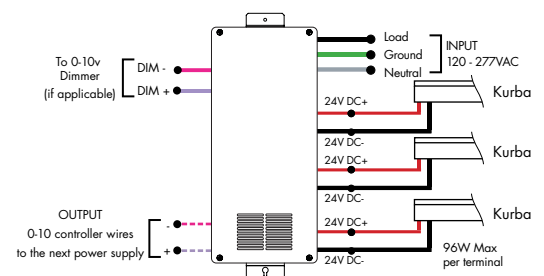
Ordering Code - 0-10V Dimming Power Supplies 0.1% 120VAC - 277VAC

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"



PS-010V-LIN/LOG-D-3X96



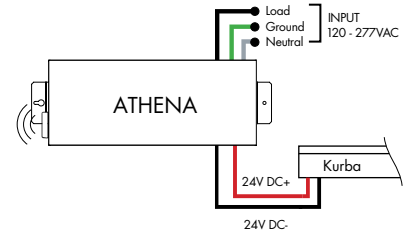
Power Supplies

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

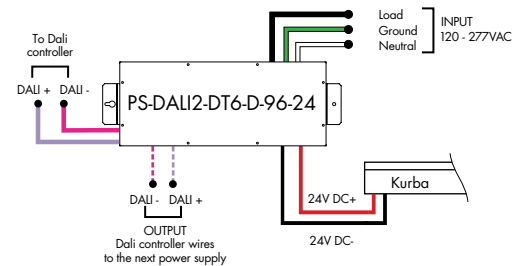


MODELS	96W
Length	14.40"
Width	5.20"
Depth	2.60"

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

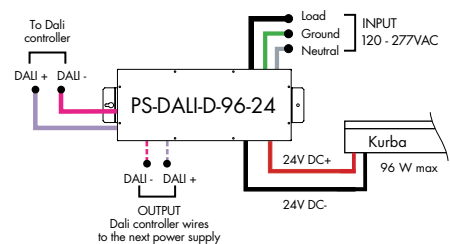


Model	96W
Length	14.40"
Width	5.20"
Depth	2.60"

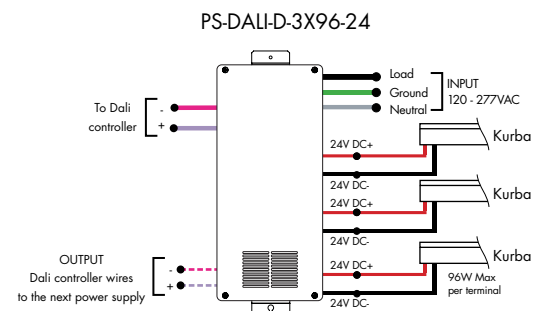
For use with Static White

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.

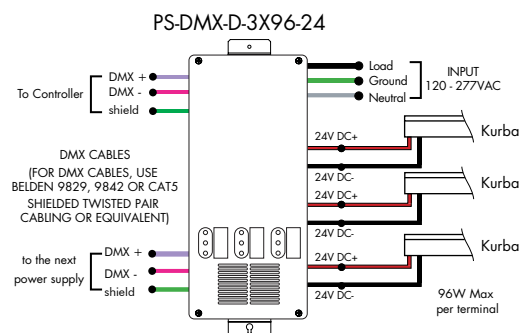
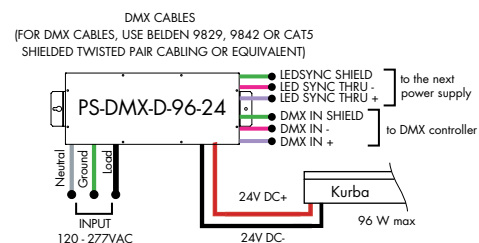
For use with Static White

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.

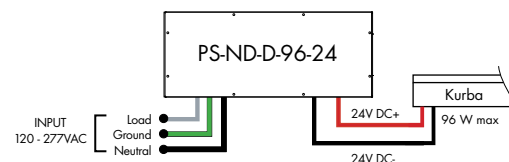


For use with Static White

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"

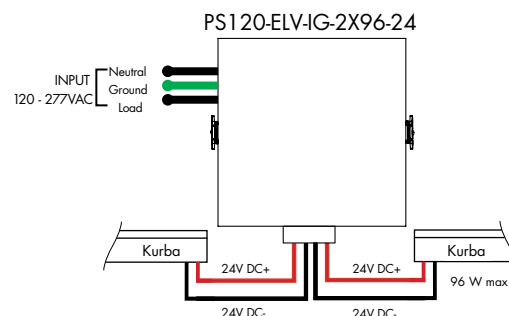


For use with Static White

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

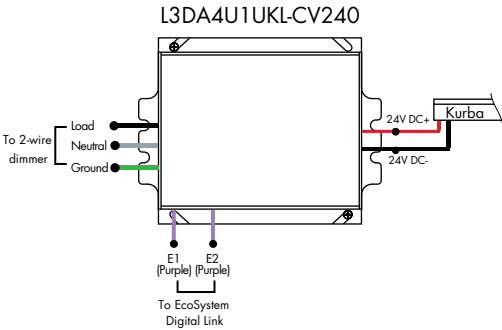
Lutron Power Supplies 1%

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"

