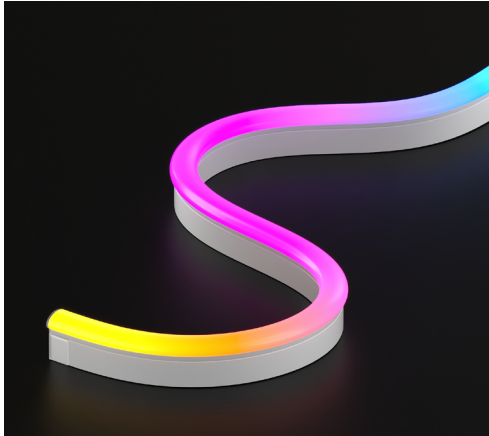




Features

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.

Output Options

- Tunable White allows individual control of CCT and output
- RGB options offer balanced output across the color gamut and a true white with RGBW
- Smart Pixel offerings allow for infinite color combinations with cascading and chasing effects

Average Life (L70)

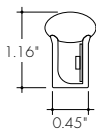
50,000 hours

Approvals

24VDC Class 2 wet listed, IP68

Warranty

5 years

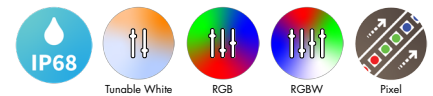


Finish Options (see page 2 for additional information)

Base ☐ White



Declare. RoHS



Technical Information

Output	TW44SO	RGB18SO	RGBW18SO	SPI17SO
Light Output at 3000K (80CRI)	135 lm/ft	86 lm/ft	149 lm/ft	136 lm/ft
Average Power Consumption at 4'	3.66 W/ft	3.66 W/ft	4.57 W/ft	4.57 W/ft
Efficacy	37 lm/W	23 lm/W	33 lm/W	30 lm/W
Ordering Increment	3.28"	3.94"	3.94"	4.92"
Maximum Run Length (In Series)	26'	26'	21'	21'
Operating Temperature Range	-40°F to 131°F	-40°F to 131°F	-40°F to 113°F	-40°F to 113°F
Control/Dimming Protocol	0-10V, DMX	DMX	DMX	SPI Protocol UCS 2904

TUNABLE WHITE CCT INFO / LUMEN MULTIPLIER

Color Temperature	80 CRI Multiplier	90 CRI Multiplier
2200K - 5700K	1.00	0.80

Ordering Code

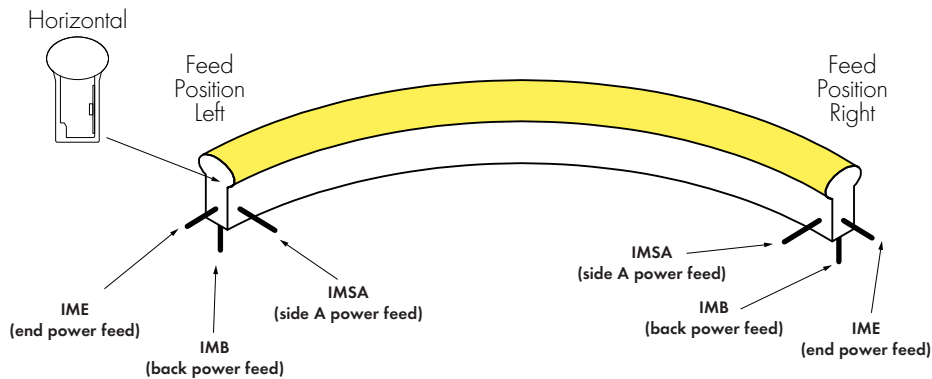
MODEL	BEND DIRECTION	LENGTH	OUTPUT	CCT	CRI	LENS	MOUNTING	FINISH	FEED POSITION LEFT	FEED POSITION RIGHT
KBM-W - Kurba Medium Wet	HB - Horizontal Bending	SEE PCC CHART ON PAGES 5 - 8	TW44SO - Tunable White, Standard Output	22K57K - 2200K-5700K	R80 - 80CRI R90 - 90CRI	DSF - Domed Lens	NA - See Page 4 for orderable mounting accessories	WH - White	INJECTION MOLD IME - End Feed 1 IMB - Back Feed 1 IMSA - Side A Feed NPF - No Power Feed ¹	INJECTION MOLD IME - End Feed 1 IMB - Back Feed 1 IMSA - Side A Feed NPF - No Power Feed ¹
			RGB18SO - RGB, Standard Output	RGB - Red, Green, Blue	R80 - 80CRI					
			RGBW18SO - RGBW, Standard Output SPI17SO - Smart Pixel Control, Standard Output	RGB27K - RGB 2700K RGB30K - RGB 3000K RGB40K - RGB 4000K	R80 - 80CRI					

Feeds come with 118" wire leads

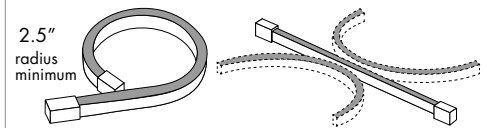
¹ - NPF-NPF for Feed Position 1&2 is not a valid configuration option

Powerfeeds and Connectors

Power Feed Position Options and Orientation



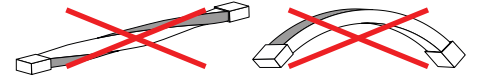
Horizontal Bend Direction



Illuminated surface shown in gray

Horizontal Prohibited Bends

Twisting or bending LED in these positions will cause damage



Illuminated surface shown in gray

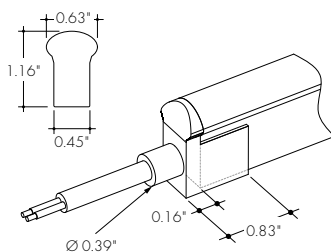
Do not make sharp bends near the endcap

Linking and Extension Cable Options

END CONNECTOR

Injection-molded End Connector

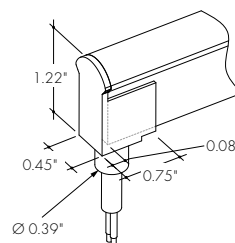
-IME



BACK CONNECTOR

Injection-molded Back Connector

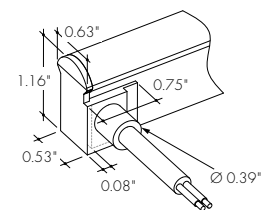
-IMB



SIDE CONNECTOR

Injection-molded Side Connector

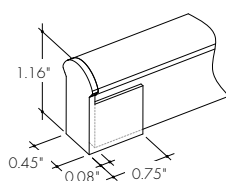
-IMSA



ENDCAP (NO CONNECTOR)

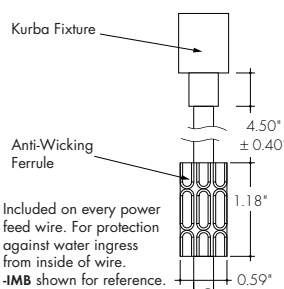
Injection-molded Cap (No Connector)

-NPF



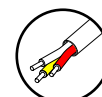
ANTI-WICKING FERRULE

Included on every power feed wire

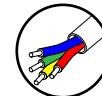


POWER FEED OPTIONS

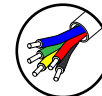
Feeds come with 118 inch wire leads



Tunable White
3 Conductor, 18 AWG

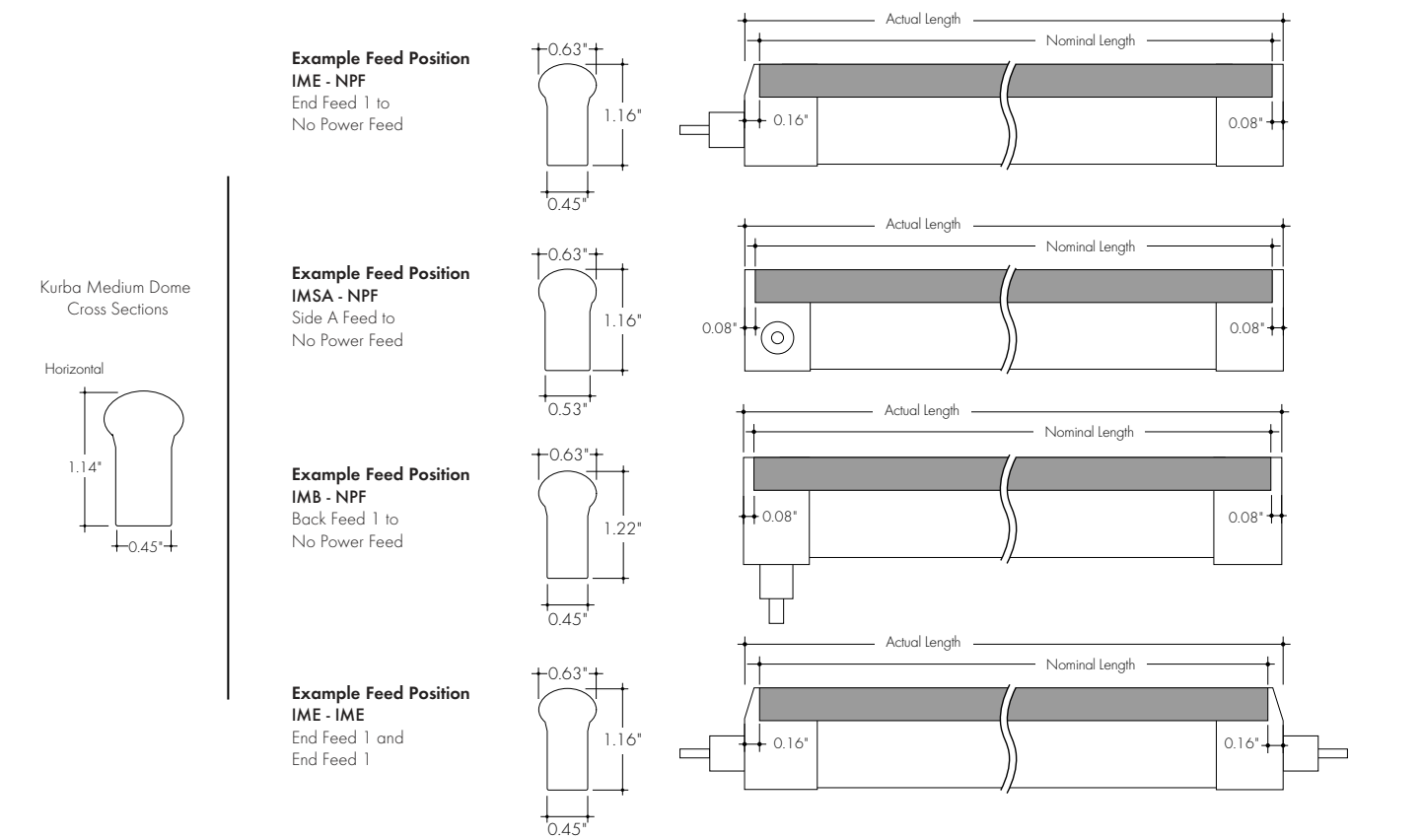


RGB
4 Conductor, 22 AWG



RGBW / Pixel
5 Conductor, 22 AWG

Product Dimensions

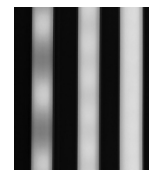


Finish Options



Light Transmission and Dotting

Output Options	Lens/Finish
	Domed Lens/ White Finish
TW44SO	ND
RGB18SO	ND
RGBW18SO	ND
SPI17SO	ND
Transmission Percentage	100%

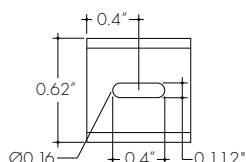
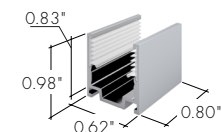


CD SD ND
 CD - Clear Dotting
 SD - Slight Dotting
 ND - No Dotting

Mounting Accessories & Optional Connectors

MC-KBM-SAP-SM-0.8-SA

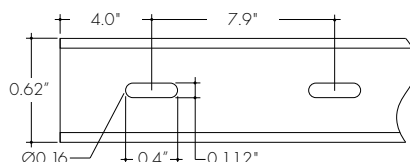
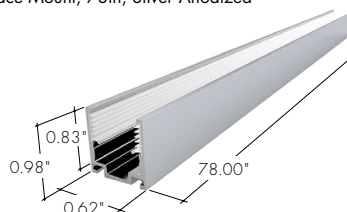
KBM Mounting Channel, Serrated Aluminum Profile, Surface Mount, 0.8in, Silver Anodized



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

MC-KBM-SAP-SM-78-SA

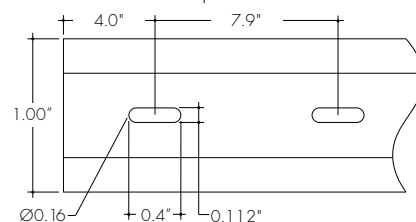
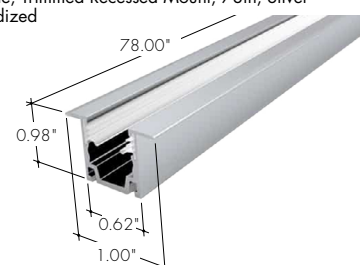
KBM Mounting Channel, Serrated Aluminum Profile, Surface Mount, 78in, Silver Anodized



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

MC-KBM-FSAP-TR-78-SA

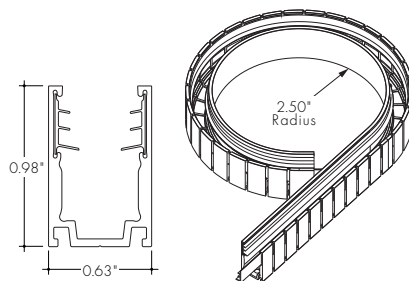
KBM Mounting Channel, Flanged Serrated Aluminum Profile, Trimmed Recessed Mount, 78in, Silver Anodized



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

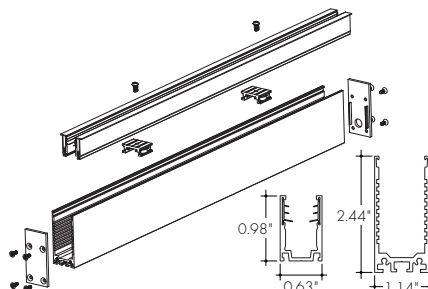


For use with light strip mounted to the ceiling. Mounting Channel Bending Radius is 4.00" in opposite direction. Includes 10 mounting screws

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

MC-KBM-RCWY-SM-78-SA

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

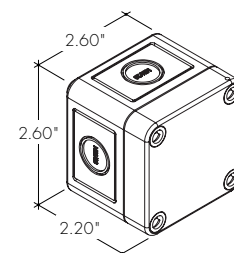


Raceway channel allows for hidden cable management and is a superb option where tidiness is required.

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

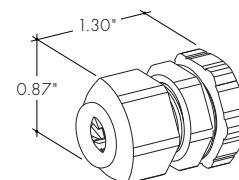
LVSP-WET

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



LVSP-WET-CM

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



TW44SO | 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 +/- 0.2", Actual Lengths between 6 ft and 16 ft is +/- 0.3", and Actual Lengths greater than 16 ft is +/- 0.6"

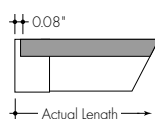
A - End Connector at both ends of Kurba (0.16" + 0.16" added to overall length)

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)

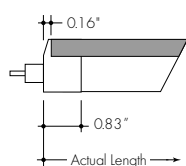
C - Any combination of No Connector, Back Connector, or Side Connector on each end of Kurba (0.08" + 0.08" added to overall length)

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					

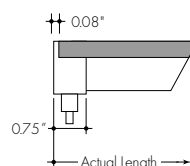
Endcap (No Connector) -NPF



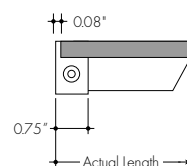
End Connector -IME



Back Connector -IMB



Side Connector -IMSA and -IMSB



RGB18SO | 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 $\pm 0.6"$

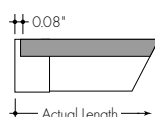
A - End Connector at both ends of Kurba (0.16" + 0.16" added to overall length)

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)

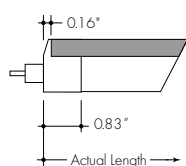
C - Any combination of No Connector, Back Connector, or Side Connector on each end of Kurba (0.08" + 0.08" added to overall length)

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
8	2.5	8.2	8.1	8.0	150	45.7	149.9	149.8	149.8	292	88.9	291.7	291.6	291.5
(1 ft) 12	3.7	12.1	12.1	12.0	(13 ft) 154	46.9	153.9	153.8	153.7	296	90.1	295.6	295.5	295.4
16	4.9	16.1	16.0	15.9	158	48.1	157.8	157.7	157.6	(25 ft) 300	91.3	299.5	299.5	299.4
20	6.1	20.0	19.9	19.8	162	49.3	161.7	161.7	161.6	304	92.5	303.5	303.4	303.3
(2 ft) 24	7.3	23.9	23.9	23.8	166	50.5	165.7	165.6	165.5	308	93.7	307.4	307.3	307.2
28	8.5	27.9	27.8	27.7	(14 ft) 170	51.7	169.6	169.5	169.5	(26 ft) 312	94.9	311.3	311.3	311.2
32	9.7	31.8	31.7	31.7	174	52.9	173.5	173.5	173.4	Note: all values are rounded to the nearest 0.1 inch				
(3 ft) 36	10.9	35.8	35.7	35.6	178	54.1	177.5	177.4	177.3					
40	12.1	39.7	39.6	39.5	(15 ft) 182	55.3	181.4	181.3	181.3					
44	13.3	43.6	43.5	43.5	186	56.5	185.4	185.3	185.2					
(4 ft) 48	14.5	47.6	47.5	47.4	190	57.7	189.3	189.2	189.1					
52	15.7	51.5	51.4	51.3	(16 ft) 193	58.9	193.2	193.2	193.1					
56	16.9	55.4	55.4	55.3	197	60.1	197.2	197.1	197.0					
(5 ft) 60	18.1	59.4	59.3	59.2	201	61.3	201.1	201.0	200.9					
63	19.3	63.3	63.2	63.2	(17 ft) 205	62.5	205.0	205.0	204.9					
67	20.5	67.2	67.2	67.1	209	63.7	209.0	208.9	208.8					
(6 ft) 71	21.7	71.2	71.1	71.0	213	64.9	212.9	212.8	212.8					
75	22.9	75.1	75.0	75.0	(18 ft) 217	66.1	216.9	216.8	216.7					
79	24.1	79.1	79.0	78.9	221	67.3	220.8	220.7	220.6					
(7 ft) 83	25.3	83.0	82.9	82.8	225	68.5	224.7	224.6	224.6					
87	26.5	86.9	86.9	86.8	(19 ft) 229	69.7	228.7	228.6	228.5					
91	27.7	90.9	90.8	90.7	233	70.9	232.6	232.5	232.4					
(8 ft) 95	28.9	94.8	94.7	94.6	237	72.1	236.5	236.5	236.4					
99	30.1	98.7	98.7	98.6	(20 ft) 241	73.3	240.5	240.4	240.3					
103	31.3	102.7	102.6	102.5	245	74.5	244.4	244.3	244.3					
(9 ft) 107	32.5	106.6	106.5	106.5	249	75.7	248.4	248.3	248.2					
111	33.7	110.6	110.5	110.4	(21 ft) 253	76.9	252.3	252.2	252.1					
115	34.9	114.5	114.4	114.3	257	78.1	256.2	256.1	256.1					
(10 ft) 119	36.1	118.4	118.4	118.3	260	79.3	260.2	260.1	260.0					
123	37.3	122.4	122.3	122.2	(22 ft) 264	80.5	264.1	264.0	263.9					
126	38.5	126.3	126.2	126.1	268	81.7	268.0	268.0	267.9					
(11 ft) 130	39.7	130.2	130.2	130.1	272	82.9	272.0	271.9	271.8					
134	40.9	134.2	134.1	134.0	(23 ft) 276	84.1	275.9	275.8	275.8					
138	42.1	138.1	138.0	138.0	280	85.3	279.8	279.8	279.7					
(12 ft) 143	43.3	142.1	142.0	141.9	284	86.5	283.8	283.7	283.6					
146	44.5	146.0	145.9	145.8	(24 ft) 288	87.7	287.7	287.6	287.6					

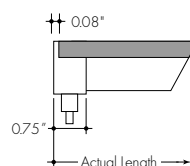
Endcap (No Connector) -NPF



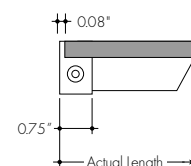
End Connector -IME



Back Connector -IMB



Side Connector -IMSA and -IMSB



RGBW18SO | 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 $\pm 0.6"$

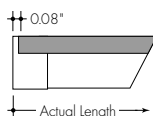
A - End Connector at both ends of Kurba (0.16" + 0.16" added to overall length)

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)

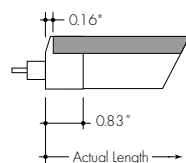
C - Any combination of No Connector, Back Connector, or Side Connector on each end of Kurba (0.08" + 0.08" added to overall length)

Nominal Length (in)	Actual Length (in)				Nominal Length (in)	Actual Length (in)			
	W	A	B	C		W	A	B	C
8	3.1	8.2	8.1	8.0	150	57.1	149.9	149.8	149.8
(1 ft) 12	4.6	12.1	12.1	12.0	(13 ft) 154	58.6	153.9	153.8	153.7
16	6.1	16.1	16.0	15.9	158	60.1	157.8	157.7	157.6
20	7.6	20.0	19.9	19.8	162	61.6	161.7	161.7	161.6
(2 ft) 24	9.1	23.9	23.9	23.8	166	63.1	165.7	165.6	165.5
28	10.6	27.9	27.8	27.7	(14 ft) 170	64.6	169.6	169.5	169.5
32	12.1	31.8	31.7	31.7	174	66.1	173.5	173.5	173.4
(3 ft) 36	13.6	35.8	35.7	35.6	178	67.6	177.5	177.4	177.3
40	15.1	39.7	39.6	39.5	(15 ft) 182	69.1	181.4	181.3	181.3
44	16.6	43.6	43.5	43.5	186	70.6	185.4	185.3	185.2
(4 ft) 48	18.1	47.6	47.5	47.4	190	72.1	189.3	189.2	189.1
52	19.6	51.5	51.4	51.3	(16 ft) 193	73.6	193.2	193.2	193.1
56	21.1	55.4	55.4	55.3	197	75.1	197.2	197.1	197.0
(5 ft) 60	22.6	59.4	59.3	59.2	201	76.6	201.1	201.0	200.9
63	24.1	63.3	63.2	63.2	(17 ft) 205	78.1	205.0	205.0	204.9
67	25.6	67.2	67.2	67.1	209	79.6	209.0	208.9	208.8
(6 ft) 71	27.1	71.2	71.1	71.0	213	81.1	212.9	212.8	212.8
75	28.6	75.1	75.0	75.0	(18 ft) 217	82.6	216.9	216.8	216.7
79	30.1	79.1	79.0	78.9	221	84.1	220.8	220.7	220.6
(7 ft) 83	31.6	83.0	82.9	82.8	225	85.6	224.7	224.6	224.6
87	33.1	86.9	86.9	86.8	(19 ft) 229	87.1	228.7	228.6	228.5
91	34.6	90.9	90.8	90.7	233	88.6	232.6	232.5	232.4
(8 ft) 95	36.1	94.8	94.7	94.6	237	90.1	236.5	236.5	236.4
99	37.6	98.7	98.7	98.6	(20 ft) 241	91.6	240.5	240.4	240.3
103	39.1	102.7	102.6	102.5	245	93.1	244.4	244.3	244.3
(9 ft) 107	40.6	106.6	106.5	106.5	249	94.6	248.4	248.3	248.2
111	42.1	110.6	110.5	110.4	Note: all values are rounded to the nearest 0.1 inch				
115	43.6	114.5	114.4	114.3					
(10 ft) 119	45.1	118.4	118.4	118.3					
123	46.6	122.4	122.3	122.2					
126	48.1	126.3	126.2	126.1					
(11 ft) 130	49.6	130.2	130.2	130.1					
134	51.1	134.2	134.1	134.0					
138	52.6	138.1	138.0	138.0					
(12 ft) 143	54.1	142.1	142.0	141.9					
146	55.6	146.0	145.9	145.8					

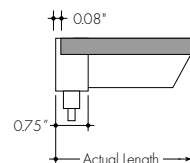
Endcap (No Connector) -NPF



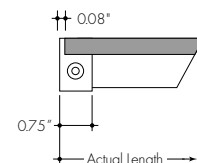
End Connector -IME



Back Connector -IMB



Side Connector -IMSA and -IMSB



SPI17SO | Power Consumption Per Fixture Length

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

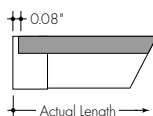
Tolerance for Actual Lengths less than 6 ft is +/- 0.2", Actual Lengths between 6 ft and 16 ft is +/- 0.3", and Actual Lengths greater than 16 ft is +/- 0.6"

A - End Connector at both ends of Kurba (0.16" + 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)

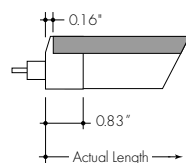
Nominal Length (in)	Actual Length (in)					Pixel QTY	Nominal Length (in)	Actual Length (in)					Pixel QTY
	W	A	B	C	W			A	B	C			
(1 ft) 10	3.9	10.2	10.1	10.0	2	187	71.4	187.3	187.2	187.2	38		
15	5.7	15.1	15.0	14.9	3	(16 ft) 192	73.3	192.2	192.2	192.1	39		
20	7.6	20.0	19.9	19.8	4	197	75.1	197.2	197.1	197.0	40		
(2 ft) 25	9.5	24.9	24.8	24.8	5	(17 ft) 202	77.0	202.1	202.0	201.9	41		
30	11.4	29.8	29.8	29.7	6	207	78.9	207.0	206.9	206.9	42		
(3 ft) 35	13.3	34.8	34.7	34.6	7	212	80.8	211.9	211.9	211.8	43		
40	15.1	39.7	39.6	39.5	8	(18 ft) 217	82.6	216.9	216.8	216.7	44		
45	17.0	44.6	44.5	44.5	9	222	84.5	221.8	221.7	221.6	45		
(4 ft) 50	18.9	49.5	49.5	49.4	10	(19 ft) 227	86.4	226.7	226.6	226.5	46		
55	20.8	54.5	54.4	54.3	11	232	88.3	231.6	231.5	231.5	47		
(5 ft) 59	22.6	59.4	59.3	59.2	12	237	90.1	236.5	236.5	236.4	48		
64	24.5	64.3	64.2	64.1	13	(20 ft) 242	92.0	241.5	241.4	241.3	49		
69	26.4	69.2	69.1	69.1	14	246	93.9	246.4	246.3	246.2	50		
(6 ft) 74	28.3	74.1	74.1	74.0	15	(21 ft) 251	95.8	251.3	251.2	251.1	51		
79	30.1	79.1	79.0	78.9	16	Note: all values are rounded to the nearest 0.1 inch							
(7 ft) 84	32.0	84.0	83.9	83.8	17								
89	33.9	88.9	88.8	88.7	18								
(8 ft) 94	35.8	93.8	93.7	93.7	19								
99	37.6	98.7	98.7	98.6	20								
104	39.5	103.7	103.6	103.5	21								
(9 ft) 109	41.4	108.6	108.5	108.4	22								
114	43.3	113.5	113.4	113.3	23								
(10 ft) 119	45.1	118.4	118.4	118.3	24								
123	47.0	123.4	123.3	123.2	25								
128	48.9	128.3	128.2	128.1	26								
(11 ft) 133	50.8	133.2	133.1	133.0	27								
138	52.6	138.1	138.0	138.0	28								
(12 ft) 143	54.5	143.0	143.0	142.9	29								
148	56.4	148.0	147.9	147.8	30								
153	58.3	152.9	152.8	152.7	31								
(13 ft) 158	60.1	157.8	157.7	157.6	32								
163	62.0	162.7	162.6	162.6	33								
(14 ft) 168	63.9	167.6	167.6	167.5	34								
173	65.8	172.6	172.5	172.4	35								
(15 ft) 178	67.6	177.5	177.4	177.3	36								
182	69.5	182.4	182.3	182.2	37								

Note: all values are rounded to the nearest 0.1 inch

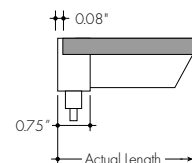
Endcap (No Connector) -NPF



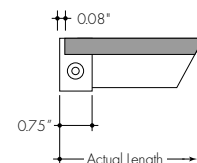
End Connector -IME



Back Connector -IMB



Side Connector -IMSA and -IMSB



Power Supplies

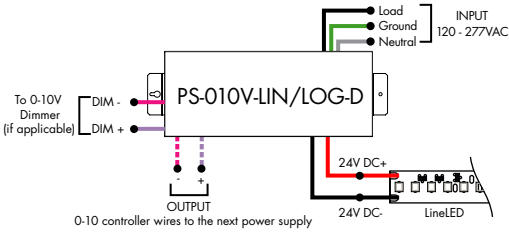
See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

For use with Warm Dim

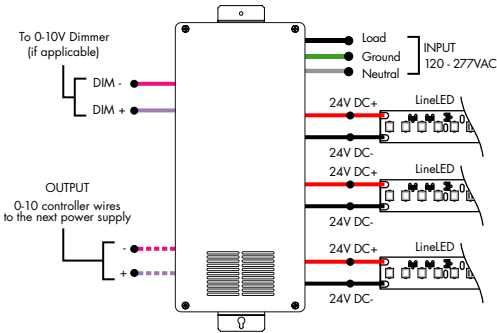
Ordering Code - 0-10V Dimming Power Supplies 0.1% 120VAC - 277VAC

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"



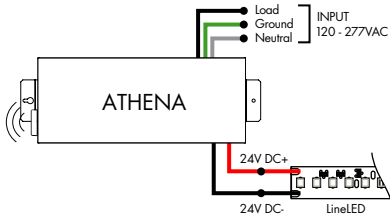
PS-010V-LIN/LOG-D-3X96



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"



Power Supplies

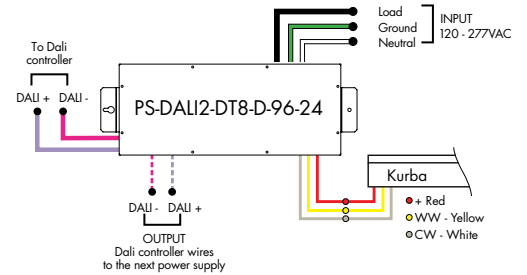
See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

For use with Tunable White

Ordering Code - DALI2 Dimming Power Supplies 0.1% 120VAC - 277VAC

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS - Power Supply, 120-277VAC	DALI2-DT8 - DALI DT8 Tunable White (0.1%)	D - Dry	96 - 96 Watts	24 - 24 VDC

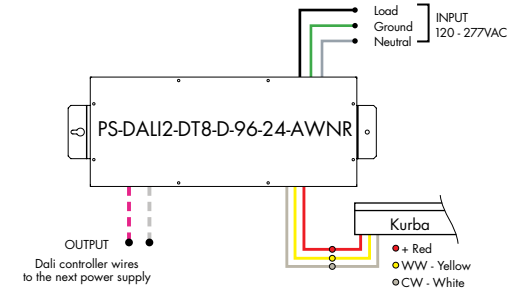
MODELS	96W
Length	14.40"
Width	5.20"
Depth	2.60"



Ordering Code - Athena DALI2 Dimming Power Supplies 0.1% 120VAC - 277VAC

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT	FEATURE
PS - Power Supply, 120-277VAC	DALI2-DT8 - DALI DT8 Tunable White (0.1%)	D - Dry	96 - 96 Watts	24 - 24 VDC	AWN - Athena

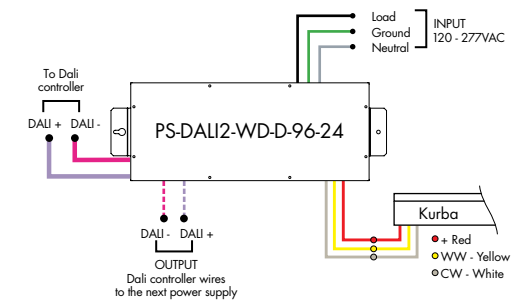
MODELS	96W
Length	14.40"
Width	5.20"
Depth	2.60"



Ordering Code - DALI2 Dimming Power Supplies 0.1% 120VAC - 277VAC - for Dim-to-Warm functionality with Tunable White Output

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS - Power Supply, 120-277VAC	DALI2-WD - DALI2 DT6 Warm Dim (0.1%)	D - Dry	96 - 96 Watts	24 - 24 VDC

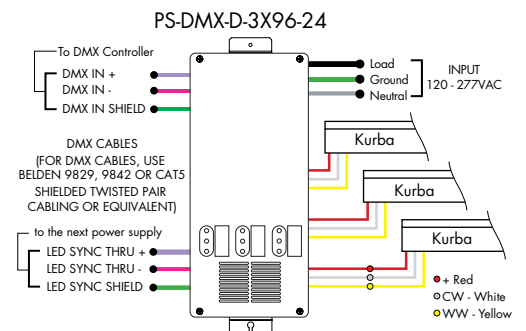
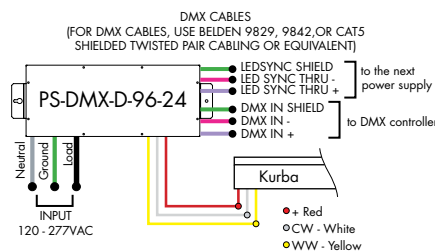
MODELS	96W
Length	14.40"
Width	5.20"
Depth	2.60"



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"



Power Supplies

See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

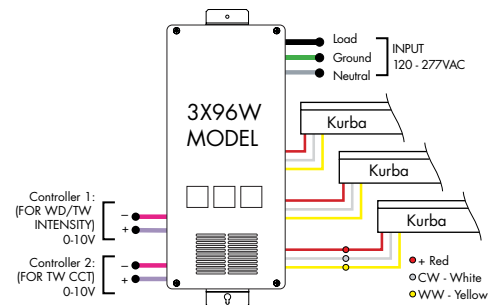
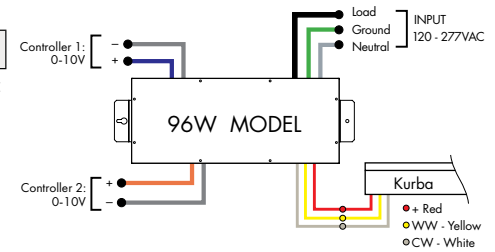
For use with Tunable White

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

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS - Power Supply, 120-277VAC	010V-WD - 0-10V Dimming (0.1%), Standard Warm Dim Curve (with Tunable White LED) 010V-TW - 0-10V Dimming (0.1%), Two Channel Control, Brightness and CCT1-CCT2 Ratio 010V-2CH - 0-10V Dimming (0.1%), Two Channel Control, LED1 Brightness and LED2 Brightness 010V-WDX - 0-10V Dimming (0.1%), Customizable Warm Dim Curve (with Tunable White LED) 010V-2CHX - 0-10V Dimming (0.1%), Two Channel Control, Customizable Brightness and CCT1-CCT2 Ratio	D - Dry	96 - 96 Watts 3X96 - 3x96 Watts ¹	24 - 24 VDC

¹ - 3x96 is only available with input control options 010V-WD and 010V-TW

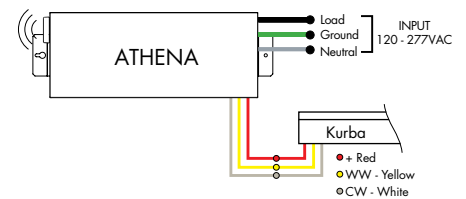
MODELS	96W	3X96
Length	14.40"	15.00"
Width	5.20"	6.62"
Depth	2.60"	4.56"



Ordering Code - Athena VintageDim® 0-10V Power Supply 0.1% 120VAC - 277VAC - for Dim-to-Warm functionality with Tunable White Output

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT	FEATURE
PS - Power Supply, 120-277VAC	010V-WD - 0-10V Dimming, Standard Warm Dim Curve (with Tunable White LED)	D - Dry	96 - 96 W	24 - 24 VDC	AWN - Athena

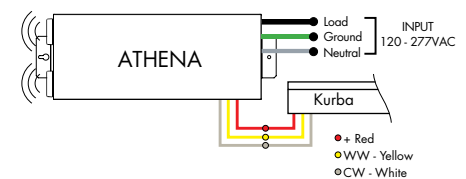
MODELS	96W
Length	14.40"
Width	5.20"
Depth	2.60"



Ordering Code - Athena VintageDim® 0-10V Two Channel LED Driver, 0.1% 120VAC - 277VAC

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT	FEATURE
PS - Power Supply, 120-277VAC	010V-2CH - 0-10V Dimming Two Channel Control, LED1 Brightness and LED2 Brightness	D - Dry	96 - 96 W	24 - 24 VDC	AWN - Athena

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



Power Supplies

See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

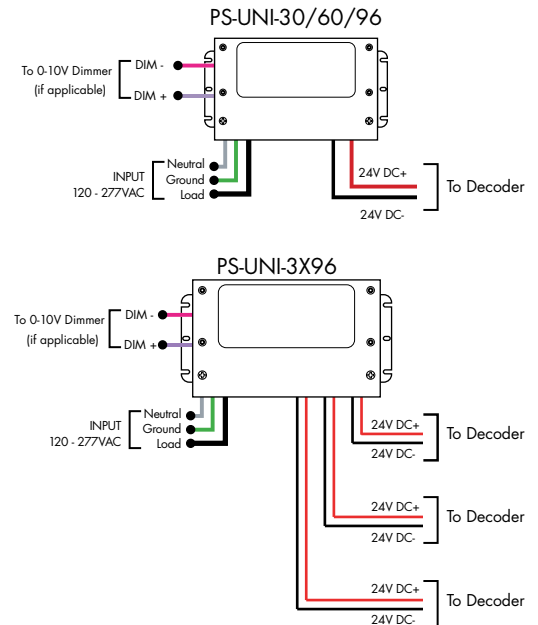
For use with RGB/RGBW

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

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"

REQUIRES A CONTROLLER AND A DECODER TO WORK PROPERLY



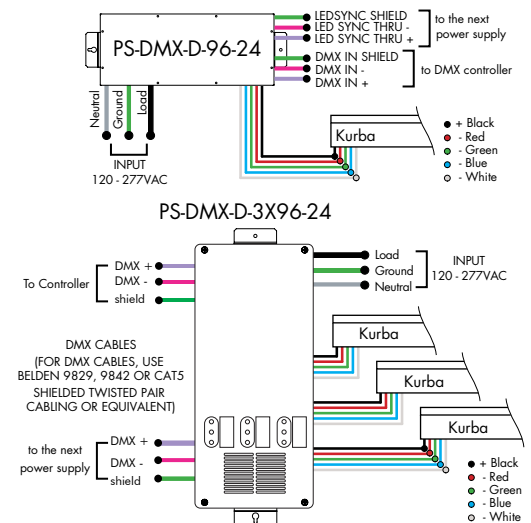
For use with RGB/RGBW

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"

DMX CABLES
(FOR DMX CABLES, USE BELDEN 9829, 9842 OR CAT5 SHIELDED TWISTED PAIR CABLING OR EQUIVALENT)

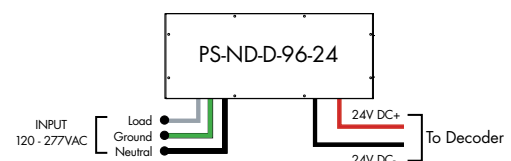


For use with RGB/RGBW/Pixel

Ordering Code - Non-Dimming Power Supply 120VAC - 277VAC

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS - PSV Series	ND - Non Dimming	D - Dry	96 - 96 Watts	24 - 24 VDC

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



REQUIRES A CONTROLLER AND A DECODER TO WORK PROPERLY

Controllers and Decoders

For use with Tunable White Power Supplies



ORDERING CODE

MODEL

DTW-MC

DTW-MC - Tunable White controller

Tunable White wall-mount controller controls lighting fixtures, wireless control of TW lighting fixture. Fits in any standard US switch box. Includes all the outputs in the back of the controller.

Features

- Switch & dimming control function, control range > 20M.
- Smooth transition between light levels.
- Separately operate dimming and color temperature functions.
- Able to control 1 zone with endless receivers. Each receiver can maximally be controlled by 8 remotes.
- Power, temperature color and dimming functions operated by push button after receivers are connected.

Operating Voltage

3V DC battery

Color Parameters

- Brightness
- Saturation
- Fading



ORDERING CODE

MODEL

TW-DMX

TW-DMX - DMX controller

Tunable White DMX wall-mount controller is a fully touch sensitive controller designed in accordance with standard protocol DMX512. Offers fast and accurate color temperature adjustment and brightness dimming of natural white, warm white and cold white. Designed with a touch color wheel, the DMX512 controller can adjust color temperature and brightness for all white LEDs smoothly and accurately. The DMX controller can control 1 zone with endless decoders.

Features

- 1 zone
- 6 color scenes
- DMX Control
- Touch Sensitive Glass Surface
- Dimming and Speed Control
- Memory Function
- Easily Fits Standard US Switch Boxes

Operating Voltage

12 - 24V DC

Color Parameters

- Brightness
- Saturation
- Primary colors
- Fading
- Color changing speed



ORDERING CODE

MODEL

SLD-DIMTW

SLD-DIMTW - Tunable white LED dimming module

The SLD DimTW is a constant voltage warm dimming LED dimming module. The unique dimming module accepts 0-10V control and mimics a smooth, incandescent dimming curve.

Features

- Flicker free 0-100% dimming
- High efficiency up to 97%
- High precision dimming ratio:>1:1000
- Fully isolated plastic housing
- Comply with EN55015 and FCC part 15 without additional input filter and capacitors
- compact size, high reliability
- 3 years warranty

Operating Voltage

8-48 VDC

Controllers and Decoders

For use with Tunable White, RGB/RGBW Power Supplies



ORDERING CODE

MODEL

DDMX-RGBW

DDMX-RGBW - DMX decoder

Translates controller DMX512 programs for RGB and white LED strips.

Unique DMX address for the decoder can be set easily and displayed by the numeric display on the case. Changing and resetting the DMX address requires manual input.

Use power repeater to expand output.

Operating Voltage

12-36 VDC

Power Capacity

up to 96W at 24V

Operating Temperature Range

from -4°F to +122°F in case



ORDERING CODE

MODEL

RGBW-RC-R

RGBW-RC-R - RGBW receiver

The RGBW receiver is easily paired with controller by the click of a button. Receiver can be reset to factory settings at any time.

Each receiver can store one static RGB color, one color sequence, and one brightness setting for the white LED strip. Receivers assigned to the same scene within the same zone will have the same LED static color and color sequence.

Operating Voltage

12-36 VDC

Power Capacity

up to 96W at 24V

Operating Temperature Range

from -4°F to +122°F in case



ORDERING CODE

MODEL

RGBW-SR

RGBW-SR - RGBW signal repeater

Extends identical signal when connected in series to an RGBW LED control system. The RGBW signal repeater works with Luminii RGB and RGBW controllers, receivers, and decoders.

RGBW signal can be extended indefinitely when adequate power supply (not included) is connected to the system.

Operating Voltage

12-36 VDC

Power Capacity

up to 96W at 24V

Operating Temperature Range

from -4°F to +122°F in case

Controllers and Decoders

For use with RGB/RGBW Power Supplies



ORDERING CODE

MODEL

RGBW-MC3

RGBW-MC3 - 4-zone RGBW controller

Easy to operate wireless interface suitable for static or color changing scenes. Control 4 different color zones separately or at the same time. RGBW receiver (RGBW-RC-R) required for operation. Assign multiple receivers per zone to cover a large area.

Color wheel enables highly stable and sensitive color control functionality. Create your own color changing sequences with ease and flexibility.

Power

qty 3 AAA batteries

Scenes

up to 4 unique zones

Signal

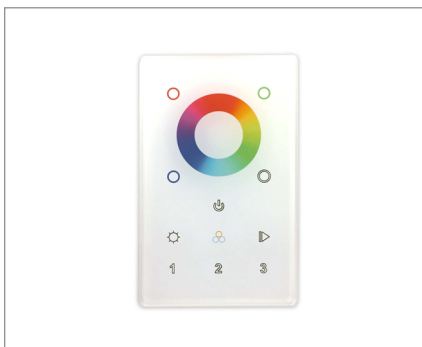
Wireless (RF)

Energy Saving

Deactivates after 10 seconds of inactivity

Color Parameters

- Brightness
- Saturation
- Primary colors
- Speed of color changing sequence
- Fading



ORDERING CODE

MODEL

ZONES

COLOR

DMX-DMX
Controller3Z - Three Zone
1Z - One ZoneRGBW - Red, Green,
Blue, & White

DMX /Wireless RGB-W wall-mount controller controls DMX lighting fixtures, wireless control of RGB-W lighting fixture or use both simultaneously. Fits in any standard US switch box. Includes all the outputs in the back of the controller.

Control brightness levels with a single touch, personalize and memorize 3 different scenes, and even create 3 variations of white.

Features

- 2 in 1 in-Wall Controller: DMX Control or Wireless RGB-W
- 65,000 Color Options, Dimming and Speed Control
- Memory Function
- 50 Foot Wireless Range
- Easily Fits Standard US Switch Boxes
- Touch Sensitive Glass Surface
- Includes 10 Built in Programs, or Create and Play Your Own

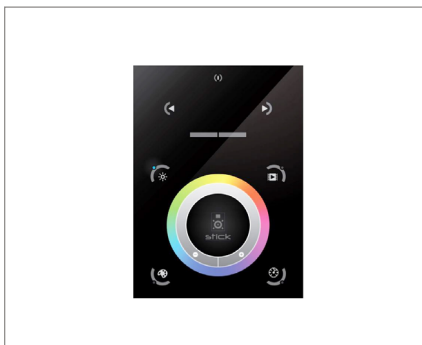
Operating Voltage

12 - 24V DC

Color Parameters

- Brightness
- Saturation
- Primary colors
- Fading
- Color changing speed

For use with Tunable White, RGB/RGBW, Pixel Power Supplies



ORDERING CODE

MODEL

TSDMX-E

TSDMX-E - Touchscreen DMX controller

Programmable advanced DMX512 lighting controller featuring a touch-screen interface. Operates as stand alone controller or integrated with most architectural lighting control systems. Can controller endless DMX512 enabled devices.

Mounts to standard single or dual gang wall box with the included power supply inside the junction box. Terminal block design for power and data connections.

Features

- Sleek glass design which sits 0.43" from the wall
- Graphical color display to show selected environment
- Color/dimmer/speed palette
- Color temperature mixing
- Touch sensitive buttons. No mechanical parts
- Touch sensitive wheel allows for accurate color selection
- Multi-zone microSD memory
- Multi-room control with 500 scenes, 10 zones
- 1024 DMX channels. Control 340 RGB fixtures
- USB & Ethernet connectivity for programming and control

Power Supply

7 VDC (included)

Programmability

PC, Mac, Tablet, Smartphone

Output Signal

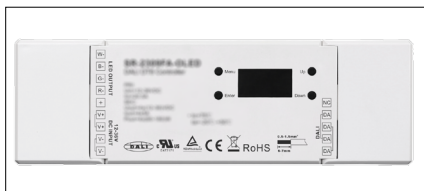
DMX512 (1024 channels)

Color Parameters

- Brightness
- Saturation
- Speed of color changing sequence
- Fading / dimming / brightness

Controllers and Decoders

For use with Tunable White, RGB/RGBW Power Supplies



ORDERING CODE

MODEL

DALI2-DT8-RGBW

DALI2-DT8-RGBW - DALI-2 RGBW Decoder

A 4-channel DALI2 DT8 decoder designed to control RGB, RGBW, and TW LED fixtures, featuring adjustable color temperature and customizable lumen output.

Voltage/Frequency
12-36VDC

Max Output Power
4 output channels, 60-180W each

Max Output Current
4 output channels, max of 5A each

Ambient Operating Temperature Range
-20 to 50 °C

Environment
Dry (IP20)



ORDERING CODE

MODEL

DDMX-5CH-RDM-PRO

DDMX-5CH-RDM-PRO - DMX512 Decoder

DMX512 decoder with RDM functionality features 5 PWM output channels with common anode. High PWM output frequency range allows the product to be used in HD video conferencing spaces. All DMX products to be installed per DMX512 Standard.

Power
96 Watt

Inputs
RJ45, XLR-5Pin, Terminal Block

DMX Channels
1 to 5 settable

PWM Output Resolution Ratio
8 or 16 bit

PWM Output Frequency
500Hz - 30KHz

Output Dimming Curve Gamma Value
0.1 ~ 9.9



ORDERING CODE

MODEL

RGBW-WI-R

RGBW-WI-R - WIFI generator

RGBW-WI-R creates a local network that enables any electronic device (phone, tablet, etc.) to control the RGB/W strip connected to a RGBW-RC-R receiver.

The control functions are achieved through a free application download for Android and iOS devices called REALCOLOR.

Operating Voltage
12-36 VDC

Power Supply
PI-130-24 (included)

Operating Temperature Range
from -4°F to +122°F in case

For use with Pixel Power Supplies



ORDERING CODE

MODEL

SR-DMX-SPI

SR-DMX-SPI - Smart Pixel Decoder

The SR-DMX-SPI is a smart LED pixel decoder that controls RGB/RGBW pixel LED strips with SPI signal. Designed with an OLED backlit panel, the pixel controller allows for easy configuration of most settings. Four push buttons are available for control of the LED functions.

*For pixel only.

Features

- 2 in 1 in-Wall Controller: DMX Control or Wireless RGB-W
- SPI signal output for RGB/RGBW pixel light control
- DMX512 controllable and RF/WIFI remote controllable
- Capable of addressing up to 1020 RGB pixels & 765 RGBW pixels
- OLED panel allows for easy configuration

Operating Voltage

12 - 36V DC

Power capacity

up to 96W at 24V

Operating temperature range

from -4°F to +122°F in case