



Features

Kurba 3 Side Emitting is a direct view, small profile, energy efficient and flexible LED strip suitable for wet locations capable of vertical bends up to 6" radius. Built with robust factory made power feeds or joiners, Kurba 3 Side Emitting mounts to a specifically designed aluminum extruded channel.

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

Average Life (L70)

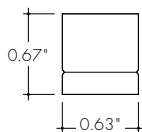
50,000 hours

Approvals

24VDC Class 2 wet listed, IP67

Warranty

3 years



Finish Options (see page 2 for additional information)

Base ☐ White

RoHS Declare.



Technical Information

Bending		VERTICAL		
Output		TW44SO	RGB26SO	RGBW26SO
Light Output, 80 CRI		258 lm/ft	195 lm/ft	316 lm/ft
Average Power Consumption at 4'		3.66 W/ft	3.66 W/ft	4.57 W/ft
Efficacy		70 lm/W	53 lm/W	69 lm/W
Ordering Increment		3.28"	3.28"	3.28"
Maximum Run Length (In Series)		26'	26'	20'
Operating Temperature Range		-40°F to 131°F	-40°F to 131°F	-40°F to 113°F
Control/Dimming Protocol		0-10V, DMX	DMX	DMX

TUNABLE WHITE CCT INFO / LUMEN MULTIPLIER

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

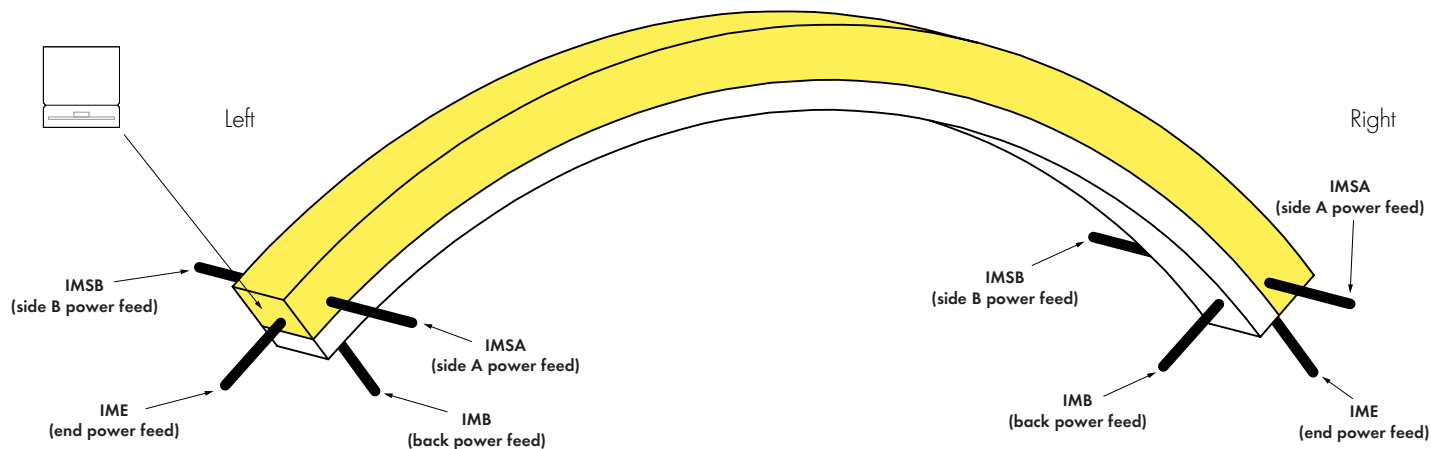
Ordering Code

MODEL	BEND DIRECTION	LENGTH	OUTPUT	CCT	CRI	LENS ³	MOUNTING	FINISH	FEED POSITION LEFT	FEED POSITION RIGHT
KBL-W - Kurba Large Vwet	VB - Vertical Bending	SEE PCC CHART ON PAGES 5 - 7	TW44SO - Tunable White, Standard Output	22K57K - 2200K-5700K	R80 - 80 CRI R90 - 90 CRI	3SF - 3-Side Emitting Silicone Frosted	NA - See Page 4 for orderable mounting accessories	WH - White	INJECTION MOLD IME - End Feed 1 IMB - Back Feed 1 IMSA - Side A Feed IMSB - Side B Feed NPF - No Power Feed ¹	INJECTION MOLD IME - End Feed 1 IMB - Back Feed 1 IMSA - Side A Feed IMSB - Side B Feed NPF - No Power Feed ¹
			RGB26SO - RGB, Standard Output	RGB - Red, Green, Blue	R80 - 80 CRI					
			RGBW26SO - RGBW, Standard Output	RGB27K - RGB 2700K RGB30K - RGB 3000K RGB40K - RGB 4000K	R80 - 80 CRI					

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

Powerfeeds and Connectors

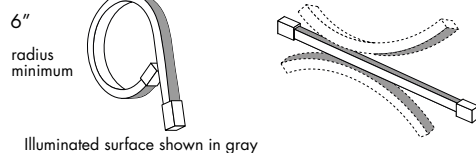
Power Feed Position Options and Orientation



Constraints

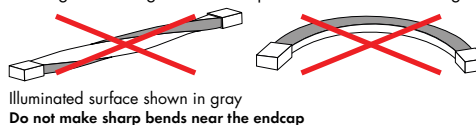
Vertical Bend Direction

Bend LED in these positions only to avoid damage



Horizontal Prohibited Bends

Twisting or bending LED in these positions will cause damage

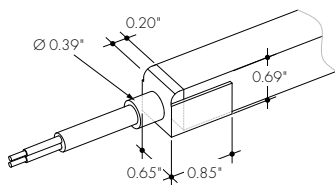


Linking and Extension Cable Options

END CONNECTOR

Injection-molded End Connector

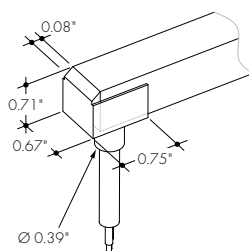
-IME



BACK CONNECTOR

Injection-molded Back Connector

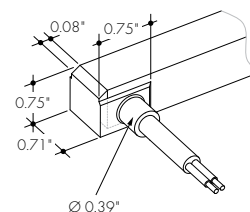
-IMB



SIDE CONNECTOR

Injection-molded Side Connector

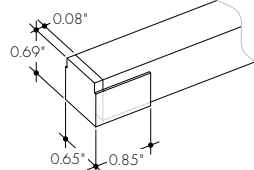
-IMSA and -IMSB



ENDCAP (NO CONNECTOR)

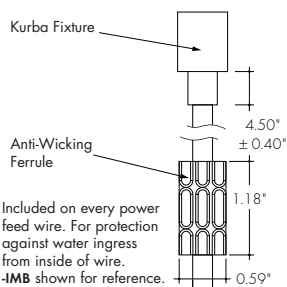
Injection-molded Cap (No Connector)

-NPF



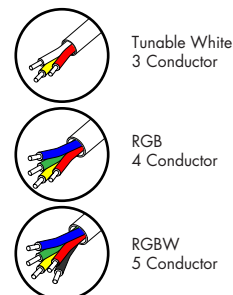
ANTI-WICKING FERRULE

Included on every power feed wire

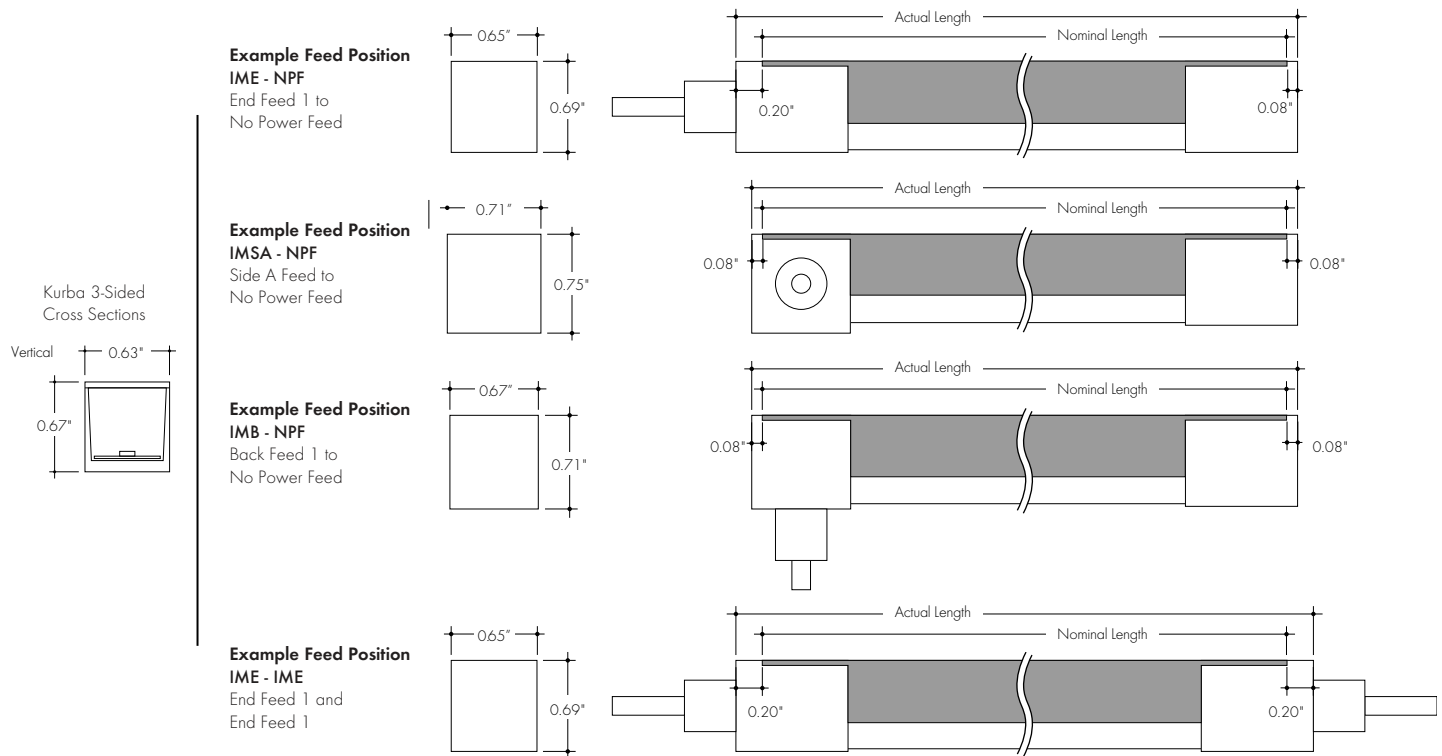


POWER FEED OPTIONS

Feeds come with 118\" wire leads



Product Dimensions



Finish Options

**White
Base**



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

Light Transmission and Dotting

	Lens/Finish
Output Options	Silicone Frosted/ White Finish
TW44SO	ND
RGB26SO	ND
RGBW26SO	ND
Transmission Percentage	100%



CD SD ND

CD - Clear Dotting

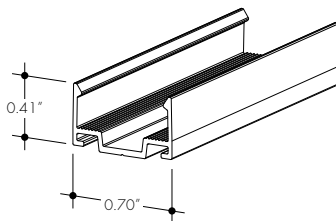
SD - Slight Dotting

ND - No Dotting

Mounting Accessories and Optional Connectors

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

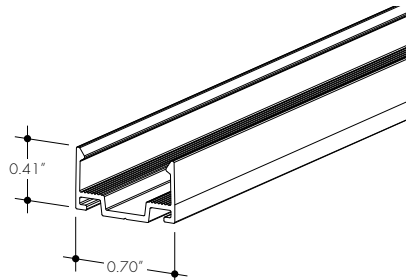
KBL 3-Side Emitting Mounting Channel, Aluminum Profile, Surface Mount, 0.8in, Silver Anodized



Includes 1 mounting screw

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

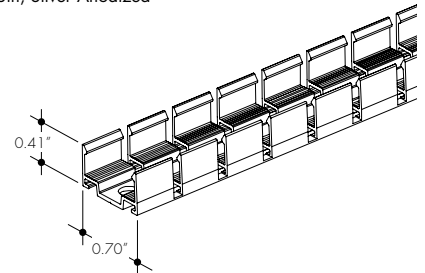
KBL 3-Side Emitting Mounting Channel, Aluminum Profile, Surface Mount, 78in, Silver Anodized



Includes 10 mounting screws

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

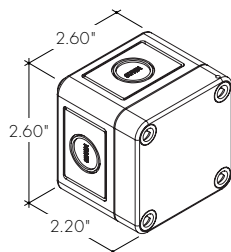
KBL 3-Side Emitting Mounting Channel, Bendable Aluminum Profile, Vertical Bending, Surface Mount, 38in, Silver Anodized



Channel Bending Radius is 6.00" in both directions.
Includes 10 mounting screws

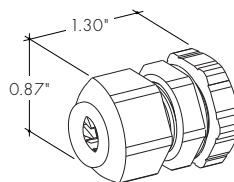
LVSP-WET

Splice box: wet rated, low voltage, gray



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

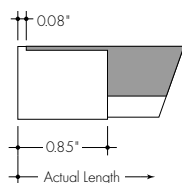
A - End Connector at both ends of Kurba (0.20" + 0.20" added to overall length)

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)

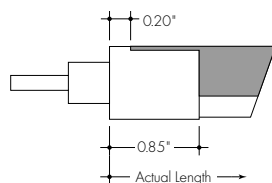
C - Any combination of No Connector, Back Connector, or Side Connector on each end of Kurba (0.08" + 0.08" added to overall length)

Nominal Length (in)	Actual Length (in)				Nominal Length (in)	Actual Length (in)				Nominal Length (in)	Actual Length (in)			
	W	A	B	C		W	A	B	C		W	A	B	C
7	2.1	7.0	6.8	6.7	125	38.1	125.1	124.9	124.8	243	74.1	243.2	243.1	242.9
10	3.1	10.2	10.1	10.0	128	39.1	128.3	128.2	128.1	246	75.1	246.5	246.3	246.2
(1 ft) 14	4.1	13.5	13.4	13.3	(11 ft) 132	40.1	131.6	131.5	131.4	250	76.1	249.7	249.6	249.5
17	5.1	16.8	16.7	16.6	135	41.1	134.9	134.8	134.7	(21 ft) 253	77.1	253.0	252.9	252.8
20	6.1	20.1	20.0	19.8	138	42.1	138.2	138.1	137.9	256	78.1	256.3	256.2	256.1
(2 ft) 23	7.1	23.4	23.2	23.1	141	43.1	141.5	141.4	141.2	260	79.1	259.6	259.5	259.3
27	8.1	26.6	26.5	26.4	(12 ft) 145	44.1	144.8	144.6	144.5	(22 ft) 263	80.1	262.9	262.7	262.6
30	9.1	29.9	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	33.2	33.1	33.0	151	46.1	151.3	151.2	151.1	269	82.1	269.4	269.3	269.2
(3 ft) 36	11.1	36.5	36.4	36.2	(13 ft) 155	47.1	154.6	154.5	154.4	273	83.1	272.7	272.6	272.5
40	12.1	39.8	39.6	39.5	158	48.1	157.9	157.8	157.6	(23 ft) 276	84.1	276.0	275.9	275.7
43	13.1	43.0	42.9	42.8	161	49.1	161.2	161.0	160.9	279	85.1	279.3	279.1	279.0
46	14.1	46.3	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	49.6	49.5	49.4	(14 ft) 168	51.1	167.7	167.6	167.5	286	87.1	285.8	285.7	285.6
53	16.1	52.9	52.8	52.7	171	52.1	171.0	170.9	170.8	(24 ft) 289	88.1	289.1	289.0	288.9
56	17.1	56.2	56.1	55.9	174	53.1	174.3	174.2	174.0	292	89.1	292.4	292.3	292.1
(5 ft) 59	18.1	59.5	59.3	59.2	178	54.1	177.6	177.4	177.3	296	90.1	295.7	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	66.0	65.9	65.8	184	56.1	184.1	184.0	183.9	302	92.1	302.2	302.1	302.0
69	21.1	69.3	69.2	69.1	187	57.1	187.4	187.3	187.2	305	93.1	305.5	305.4	305.3
(6 ft) 73	22.1	72.6	72.5	72.3	(16 ft) 191	58.1	190.7	190.6	190.4	309	94.1	308.8	308.7	308.5
76	23.1	75.9	75.7	75.6	194	59.1	194.0	193.8	193.7	(26 ft) 312	95.1	312.1	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	82.4	82.3	82.2	200	61.1	200.5	200.4	200.3					
86	26.1	85.7	85.6	85.5	(17 ft) 204	62.1	203.8	203.7	203.6					
89	27.1	89.0	88.9	88.7	207	63.1	207.1	207.0	206.8					
92	28.1	92.3	92.1	92.0	210	64.1	210.4	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	98.8	98.7	98.6	(18 ft) 217	66.1	216.9	216.8	216.7					
102	31.1	102.1	102.0	101.9	220	67.1	220.2	220.1	220.0					
105	32.1	105.4	105.3	105.1	223	68.1	223.5	223.4	223.2					
(9 ft) 109	33.1	108.7	108.5	108.4	(19 ft) 227	69.1	226.8	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	115.2	115.1	115.0	233	71.1	233.3	233.2	233.1					
(10 ft) 118	36.1	118.5	118.4	118.3	237	72.1	236.6	236.5	236.4					
122	37.1	121.8	121.7	121.5	(20 ft) 240	73.1	239.9	239.8	239.7					

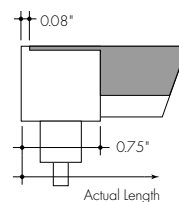
Injection Molded End Cap (IME)



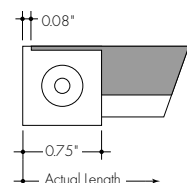
Injection Molded End Power Feed (IME)



Injection Molded Bottom Power Feed (IMB)



Injection Molded Side Power Feed (IMSA)



RGB26SO | Power Consumption Per Fixture Length

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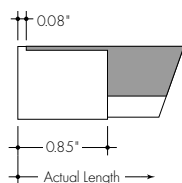
A - End Connector at both ends of Kurba (0.20" + 0.20" added to overall length)

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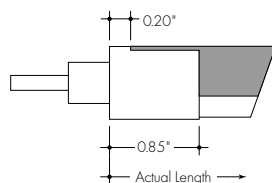
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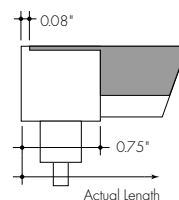
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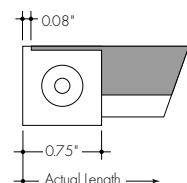
Injection Molded End Power Feed (IME)



Injection Molded Bottom Power Feed (IMB)



Injection Molded Side Power Feed (IMSA)



RGBW26SO | Power Consumption Per Fixture Length

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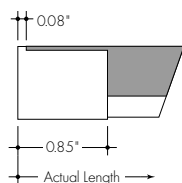
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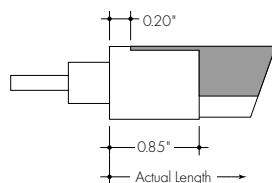
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Nominal Length (in)	Actual Length (in)				Nominal Length (in)	Actual Length (in)				Nominal Length (in)	Actual Length (in)			
	W	A	B	C		W	A	B	C		W	A	B	C
7	2.7	7.0	6.8	6.7	125	47.6	125.1	124.9	124.8	243	92.6	243.2	243.1	242.9
10	3.9	10.2	10.1	10.0	128	48.9	128.3	128.2	128.1	246	93.9	246.5	246.3	246.2
(1 ft) 14	5.1	13.5	13.4	13.3	(11 ft) 132	50.1	131.6	131.5	131.4	250	95.1	249.7	249.6	249.5
17	6.4	16.8	16.7	16.6	135	51.4	134.9	134.8	134.7	Note: all values are rounded to the nearest 0.1 inch				
20	7.6	20.1	20.0	19.8	138	52.6	138.2	138.1	137.9					
(2 ft) 23	8.9	23.4	23.2	23.1	141	53.9	141.5	141.4	141.2					
27	10.1	26.6	26.5	26.4	(12 ft) 145	55.1	144.8	144.6	144.5					
30	11.4	29.9	29.8	29.7	148	56.4	148.0	147.9	147.8					
33	12.6	33.2	33.1	33.0	151	57.6	151.3	151.2	151.1					
(3 ft) 36	13.9	36.5	36.4	36.2	(13 ft) 155	58.9	154.6	154.5	154.4					
40	15.1	39.8	39.6	39.5	158	60.1	157.9	157.8	157.6					
43	16.4	43.0	42.9	42.8	161	61.4	161.2	161.0	160.9					
46	17.6	46.3	46.2	46.1	164	62.6	164.4	164.3	164.2					
(4 ft) 50	18.9	49.6	49.5	49.4	(14 ft) 168	63.9	167.7	167.6	167.5					
53	20.1	52.9	52.8	52.7	171	65.1	171.0	170.9	170.8					
56	21.4	56.2	56.1	55.9	174	66.4	174.3	174.2	174.0					
(5 ft) 59	22.6	59.5	59.3	59.2	178	67.6	177.6	177.4	177.3					
63	23.9	62.7	62.6	62.5	(15 ft) 181	68.9	180.8	180.7	180.6					
66	25.1	66.0	65.9	65.8	184	70.1	184.1	184.0	183.9					
69	26.4	69.3	69.2	69.1	187	71.4	187.4	187.3	187.2					
(6 ft) 73	27.6	72.6	72.5	72.3	(16 ft) 191	72.6	190.7	190.6	190.4					
76	28.9	75.9	75.7	75.6	194	73.9	194.0	193.8	193.7					
79	30.1	79.1	79.0	78.9	197	75.1	197.2	197.1	197.0					
(7 ft) 82	31.4	82.4	82.3	82.2	200	76.4	200.5	200.4	200.3					
86	32.6	85.7	85.6	85.5	(17 ft) 204	77.6	203.8	203.7	203.6					
89	33.9	89.0	88.9	88.7	207	78.9	207.1	207.0	206.8					
92	35.1	92.3	92.1	92.0	210	80.1	210.4	210.2	210.1					
(8 ft) 96	36.4	95.5	95.4	95.3	214	81.4	213.6	213.5	213.4					
99	37.6	98.8	98.7	98.6	(18 ft) 217	82.6	216.9	216.8	216.7					
102	38.9	102.1	102.0	101.9	220	83.9	220.2	220.1	220.0					
105	40.1	105.4	105.3	105.1	223	85.1	223.5	223.4	223.2					
(9 ft) 109	41.4	108.7	108.5	108.4	(19 ft) 227	86.4	226.8	226.6	226.5					
112	42.6	111.9	111.8	111.7	230	87.6	230.0	229.9	229.8					
115	43.9	115.2	115.1	115.0	233	88.9	233.3	233.2	233.1					
(10 ft) 118	45.1	118.5	118.4	118.3	237	90.1	236.6	236.5	236.4					
122	46.4	121.8	121.7	121.5	(20 ft) 240	91.4	239.9	239.8	239.7					

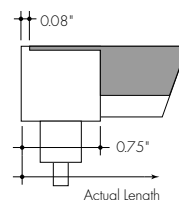
Injection Molded End Cap (IME)



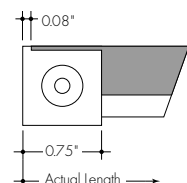
Injection Molded End Power Feed (IME)



Injection Molded Bottom Power Feed (IMB)



Injection Molded Side Power Feed (IMSA)



Power Supplies

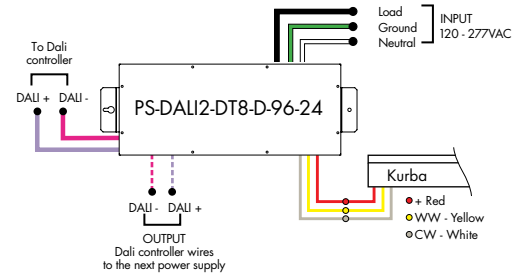
See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

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

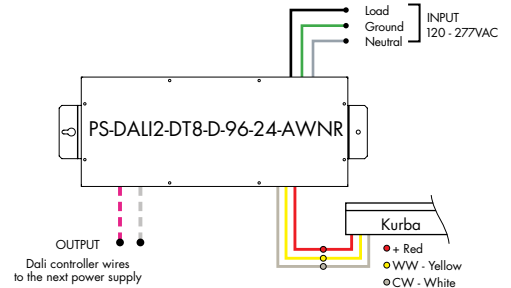
MODELS	96W
Length	14.40"
Width	5.20"
Depth	2.60"



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

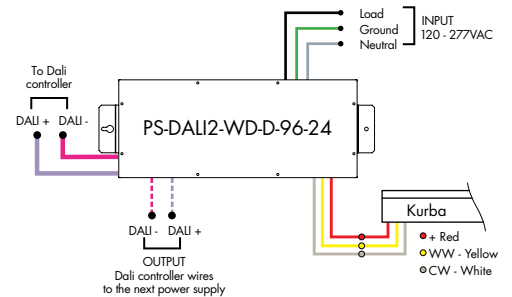
MODELS	96W
Length	14.40"
Width	5.20"
Depth	2.60"



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

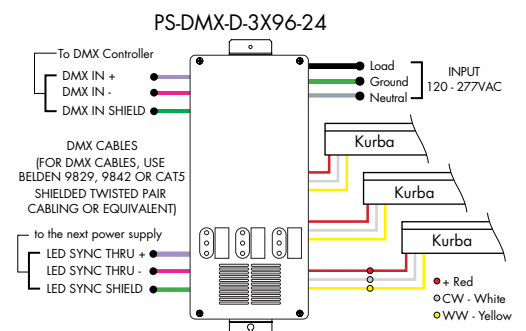
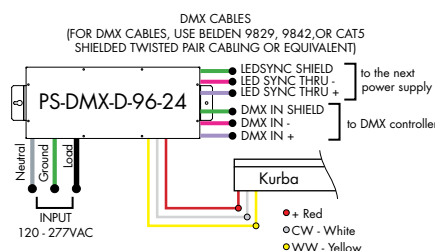
MODELS	96W
Length	14.40"
Width	5.20"
Depth	2.60"



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.

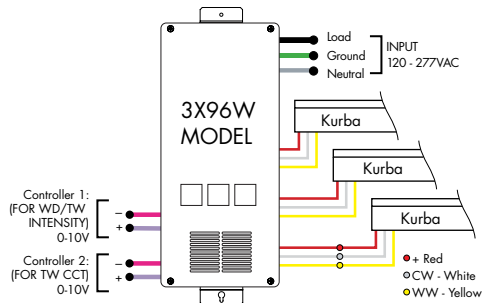
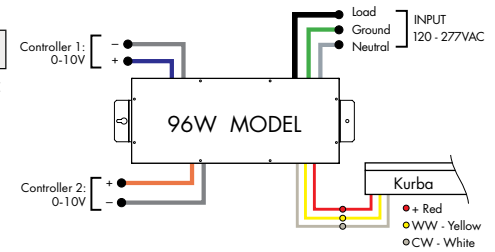
For use with Tunable White

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

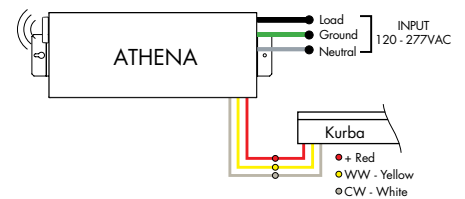
MODELS	96W	3X96
Length	14.40"	15.00"
Width	5.20"	6.62"
Depth	2.60"	4.56"



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

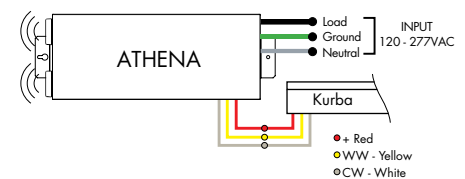
MODELS	96W
Length	14.40"
Width	5.20"
Depth	2.60"



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.

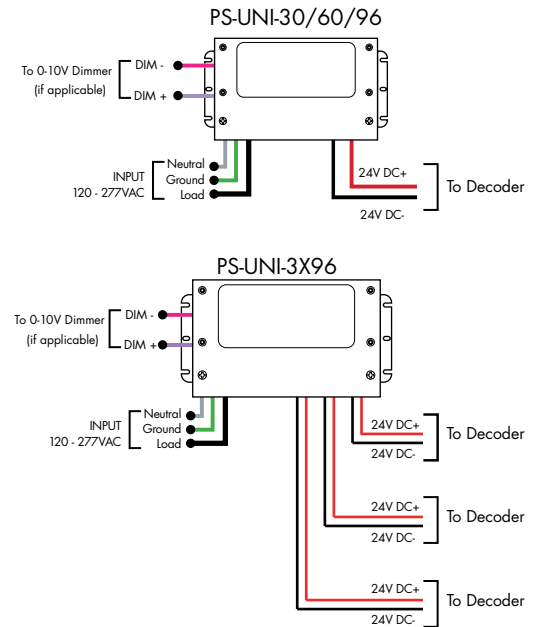
For use with RGB/RGBW

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



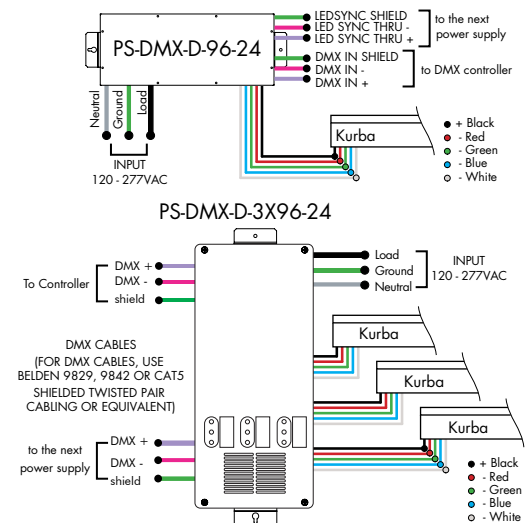
For use with RGB/RGBW

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)

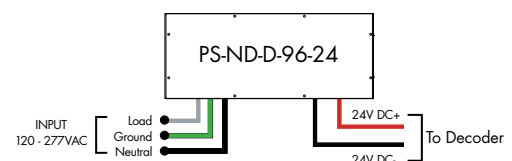


For use with RGB/RGBW/Pixel

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

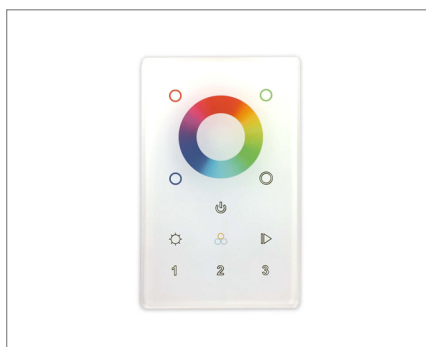
Wireless (RF)

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

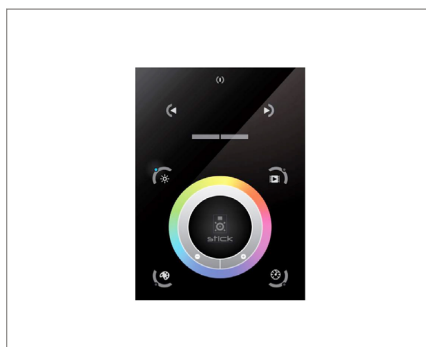
Operating Voltage

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

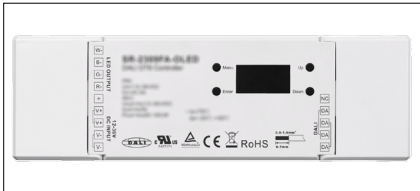
DMX512 (1024 channels)

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