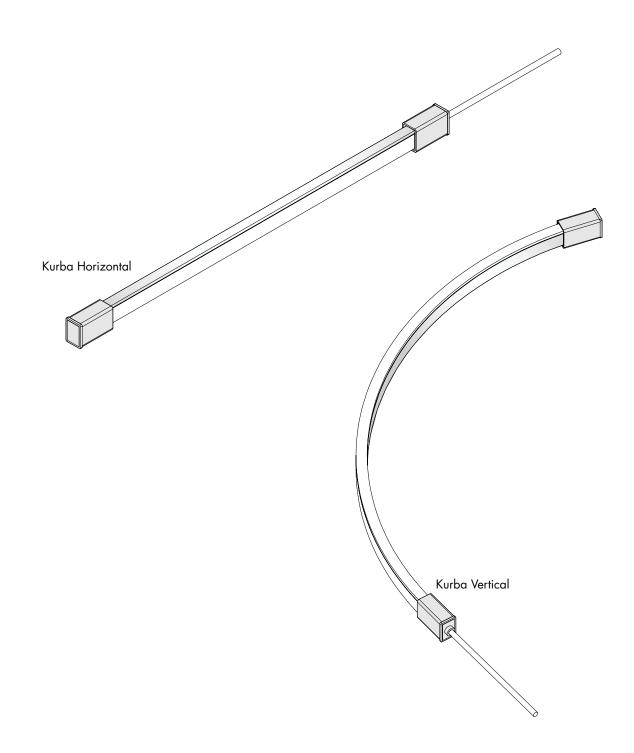
Models KBL-F-V-SPI, KBM-F-H-SPI, KBL-SF-V-PL-SPI, and KBM-D-H-SPI





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Models KBL-F-V-SPI and KBM-F-V-SPI

Please read all instructions prior to installation and keep for future reference!

- 1. PRODUCT TO BE INSTALLED BY A QUALIFIED ELECTRICIAN.
- 2. USE ONLY WITH CLASS 2 POWER UNIT
- 3. 24 VOLTS DC

reference! 4. SUITABLE FOR WET LOCATIONS 5. SURFACE MOUNT ONLY



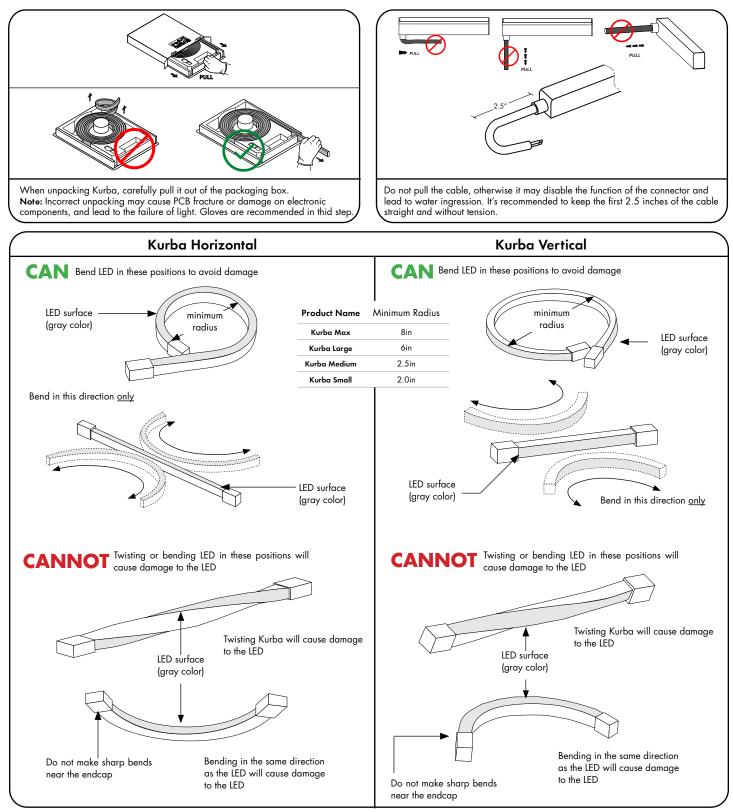
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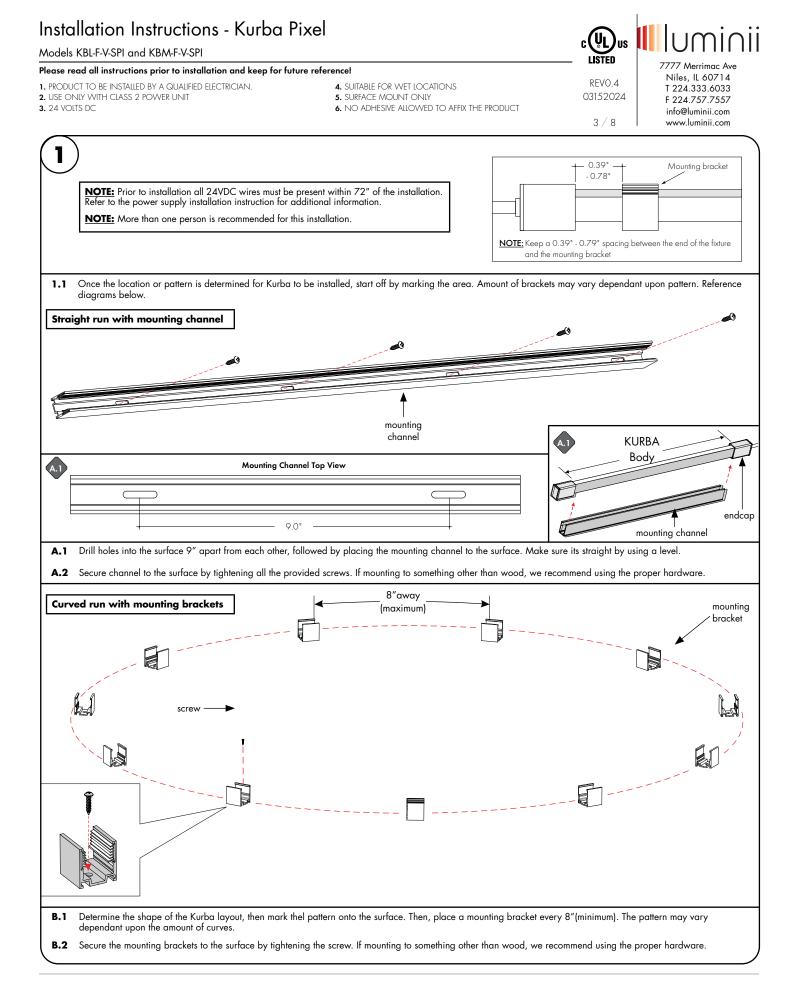
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### CAUTION: Reference to below before installing Kurba

6. NO ADHESIVE ALLOWED TO AFFIX THE PRODUCT





#### Models KBL-F-V-SPI and KBM-F-V-SPI

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- PRODUCT TO BE INSTALLED BY A QUALIFIEL
  USE ONLY WITH CLASS 2 POWER UNIT
- 3. 24 VOLTS DC

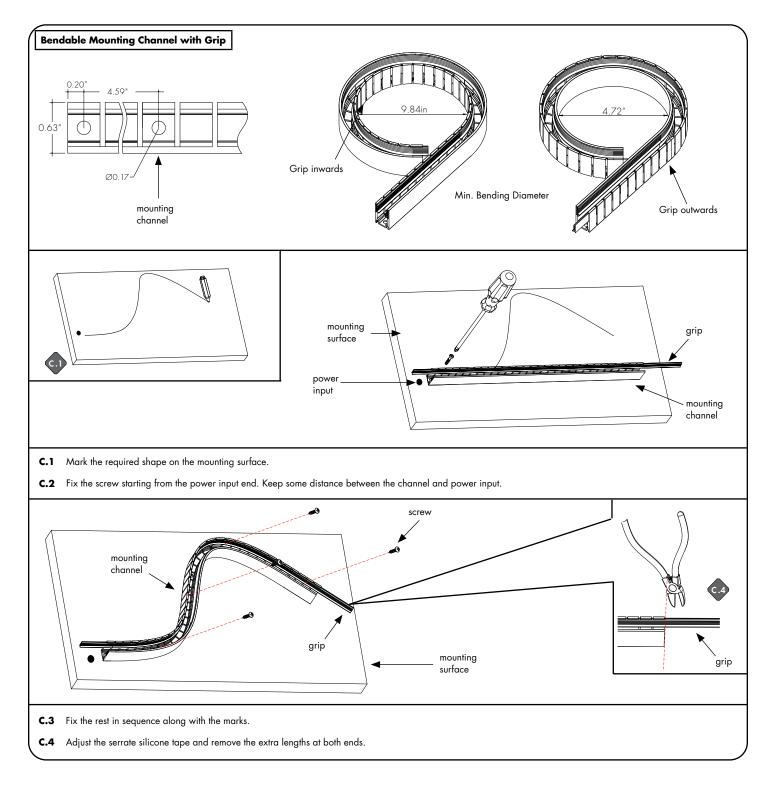
- 4. SUITABLE FOR WET LOCATIONS
  - 5. SURFACE MOUNT ONLY
  - 6. NO ADHESIVE ALLOWED TO AFFIX THE PRODUCT

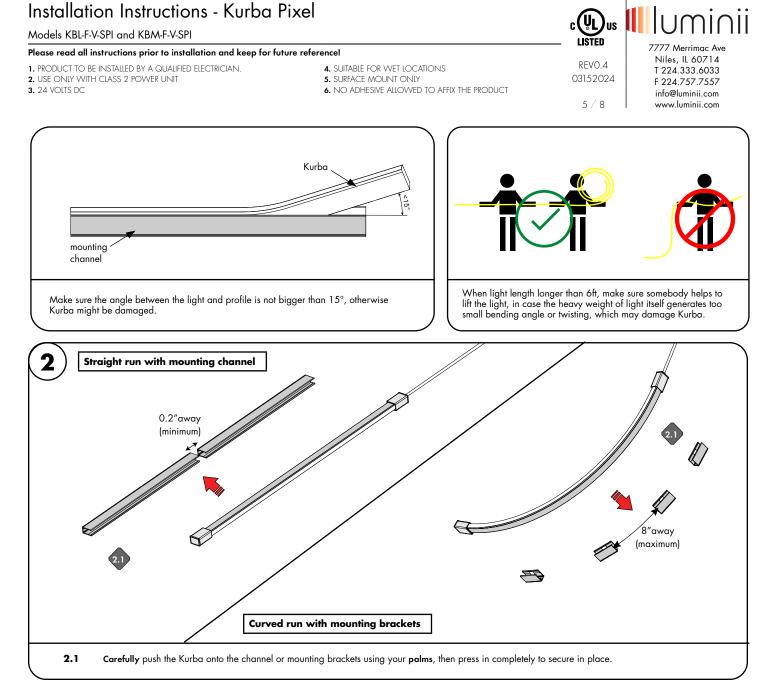
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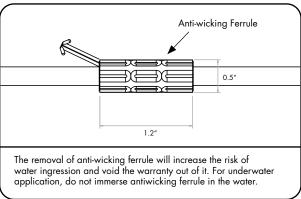
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### Models KBL-F-V-SPI and KBM-F-V-SPI

#### Please read all instructions prior to installation and keep for future reference!

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WIRING DIAGRAM SR-DMX-SPI NOTE: When connecting two or more LED strip lights or light fixtures, always make sure the signal direction arrows Smart Pixel LineLED Decoder are pointing to same direction The signal direction arrow should appear on each section (cut increment) of LED strip **NOTE:** Please make sure that power is turned off before wiring. Signal direction arrow Signal direction arrow Also, ensure that the correct power supply (voltage and wattage) is used to power the LED strips connected to the decoder. Follow DC 24V DC 24V 02 01 02 01 s 🔶 illustrated wiring diagram. Use screwdriver to open and close connection slots. **NOTE:** Must power from the opposite direction of the signal direction arrow **CONTROLLER WIRES** 1000 ft max, 32 ft max, decoder to strip decoder to Controller DMX512 SIGNAL DECODER → DMX + V+ ( KURBA PIXEL **●→** DMX - In DATA 🖲 ●→ GND CLKO O← DMX + GND 🖲 DMX512 TO SPI SIGNAL CONVERTER ⊖← DMX - Out - ( POWER IN 5-24VDC + 🤇 Μ ╋ **POWER SUPPLY** CE FC RoHS Max 12A (-) (L) AC output 24VDC input (+)(N)

odels KBL-F-V-SPI a	nd KBM-F-V-SPI						
ase read all instruction	ons prior to installatio	n and keep for futu	re reference!			7777 Merrimac Ave Niles, IL 60714	
	ED BY A QUALIFIED ELEC	FRICIAN.		LE FOR WET LOCATIONS		V0.4 T 224.333.6033	
USE ONLY WITH CLASS 2 POWER UNIT5. SURFACE MOUNT ONLY24 VOLTS DC6. NO ADHESIVE ALLOWED TO AFFIX THE PRODUCT						F 224.757.7557 info@luminii.com	
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	DE						
SR-DMX-SPI	-						
Smart Pixel LineLED	Decoder						
There are three butto	ns on the decoder.	M Parar	neter Setting	Increase Value		ecrease Value	
After operation, if no	action was taken with	nin 30s, the button	lock, and backlig	ht of the screen will turn off.			
Long press M butt	on for 5s to unlock the	buttons, and the b	ackliaht will turn	on.			
2. Long press M butt	on for 5s to switch be	ween test mode an	d decode mode (				
Duirng decoder mod	e, the first line of LCD	shows: DECODER		oder mode when connecting to a	NOTE		
	al installation and cus					ected to a controller, ignal Decoder will stay in	
	e LCD Display shows t	he current setting a	nd value. Note:	1 Pixel = 1 Cut Increment	"Decoder A		
NODE TABLE	LCD DISPLAY		1	DESCRIPTION			
JETTING	TEST MODE	VALUE RAINGE					
Built-in Programs	MODE NO.:	1-26	See Program To	ble below			
Program Speed	TEST MODE	0-7	0: fast,				
riogram opeca	RUN SPEED:		7: slow				
DMX Address	DECODER MODE DMX ADDRESS:	1-512	Address of the	starting point/Pixel of a program			
	DECODER MODE						
DMX Signal RGB	DMX RGB SEQ:	RGB, BGR, etc.	N/A				
Pixel Quantity	DECODER MODE	1-170(RGB),	Number of Pixels to follow a program				
	PIXEL QTY:	1-128(RGBW)			<b>NOTE</b> : The actual maximum control pixels of		
IC TYPE			2903: N/A,		the controlle	er are 1360 (2903) ,1024 ase set the pixel and pixel	
	DECODER MODE IC TYPE:	2903, 8903, 2904, 8904	2904: for RGBW, 8903: N/A,			n value according to the	
		,	8904: N/A		actual situa the maximu	tion, and DO NOT exceed	
			MONO: N/A,				
Color	DECODER MODE	MONO, DUAL,	DUAL: N/A, RGB: N/A, RGBW: for RGBW				
	COLOR:	RGB, RGBW					
Pixel Merging /	DECODER MODE						
Pixel Size	PIXEL MERGE:	1-100	Number of Pixe	Number of Pixels to merge together			
RGB Sequence	DECODER MODE	RGBW,	Sequence of RC	GBW, 24 possible combinations			
	LED RGB SEQ:	BGRW, etc.		·			
Integral Control	DECODER MODE ALL CONTROL:	YES, NO	No: Maintain individual Pixels or Merged Pixels		NOTE: For Program Table Change: no fading/dimming between color changes Fade: fade/dim between color changes Chase: change pixel by pixel Chase with Trail: change pixel by pixel with fading between		
Reverse Control	DECODER MODE REV-CONTROL:	YES, NO	O Reverse program order				
Overall Brightness	DECODER MODE	1-100	1: dimmest setting 100: brightest setting				
	BRIGHTNESS:	1-100					
PROGRAM NO.	PROGRAM DESC		OGRAM NO.	PROGRAM DESCRIPTION	PROGRAM NO.	PROGRAM DESCRIPTION	
1	Solid color: F		10	RGB fading	19	Red chasing green, chasing blue	
	Solid color: G		11	Full color fading	20	Orange chasing purple, chasing cyan	
2	Solid color: B		12	Red chase with trail			
3		Solid color: Yellow		Green chase with trail	21	Rainbow chase (7 colors)	
3 4					22		
3 4 5	Solid color: Pu	rple	14	Blue chase with trail		Random twinkle: white over red	
3 4 5 6		rple	14 15	Blue chase with trail White chase with trail	22	Random twinkle: white over red Random twinkle: white over gree	
3 4 5	Solid color: Pu	yan					

Models KBL-F-V-SPI and KBM-F-V-SPI

### Please read all instructions prior to installation and keep for future reference!

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- 3. 24 VOLTS DC
- **3.** 24 VOLIS DC

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**Removing Kurba from Mounting Brackets** 

