



Kurba Vertical Dynamic White is a direct view, small profile, energy efficient and flexible LED strip suitable for wet locations capable of vertical bends up to 2.5" radius. Built with robust factory made power feeds or joiners, Kurba Vertical Dynamic White mounts to a specifically designed aluminum extruded channel.

**Operating voltage**  
24 VDC

**Operating temperature**  
-4 °F to 113 °F  
(-20 °C to 45 °C)

**Average life**  
50,000 hours

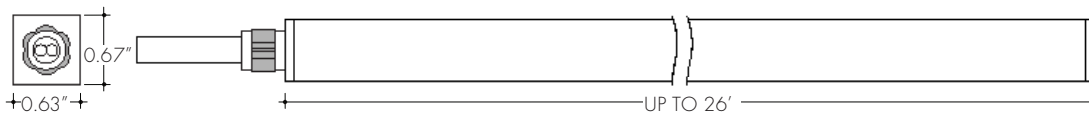
**Approvals**  
Class 2 wet listed, IP67

**Warranty**  
3 years

**Applications:**  
Outdoor wet location



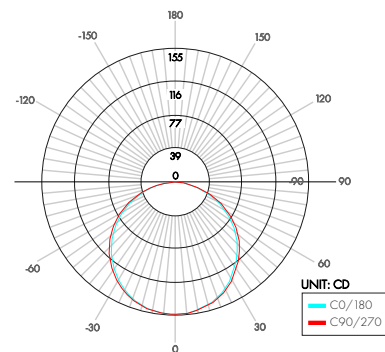
Kurba dimensions



## Technical information

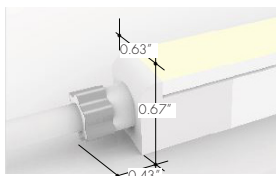
MODEL	Dynamic White
LEDS/ft	44
Light output	19K: 55 lm/ft 27K: 55 lm/ft All on: 110 lm/ft
Average power consumption at 4'	3.65 W/ft
Ordering increment	3.28"
Maximum run length (in series)	26 ft

CANDLE POWER DISTRIBUTION

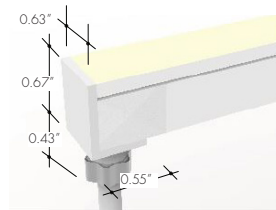


## SECTION START/END OPTIONS

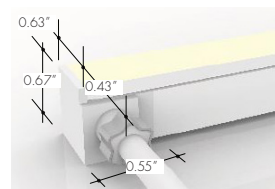
End power feed (72" wire lead)



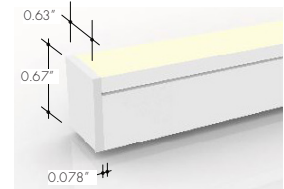
Bottom power feed (72" wire lead)



Side power feed (72" wire lead)



End cap

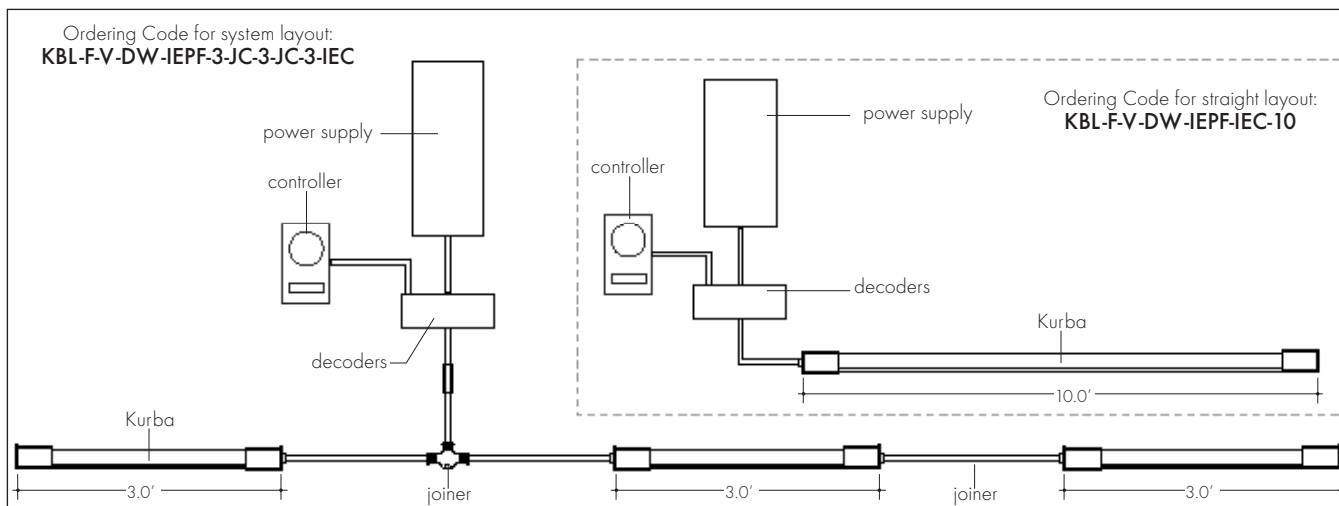


## Ordering code for straight run

MODEL	COLOR	SECTION START	SECTION END	LENGTH
<b>KBL-F-V</b>	<b>DW</b>	<b>IEPF</b>	<b>IEC</b>	
KBL - Kurba Large, flat vertical	DW - Dynamic White	IEPF - Injection Moulding End power feed (72" wire lead) IBPF - Injection Moulding Bottom power feed (72" wire lead) ISPF - Side power feed (72" wire lead)	IEC - Injection Moulding End cap IEPF - Injection Moulding End power feed (72" wire lead) IBPF - Injection Moulding Bottom power feed (72" wire lead) ISPF - Side power feed (72" wire lead)	view table above for ordering increment

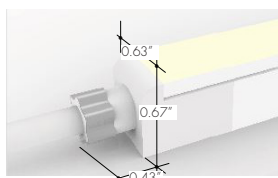
## Kurba System Run

### Sample layout

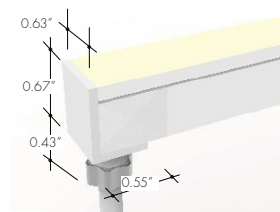


### SECTION START/END OPTIONS

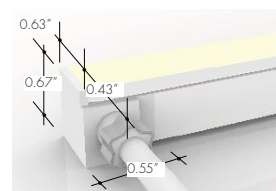
End power feed (72" wire lead)



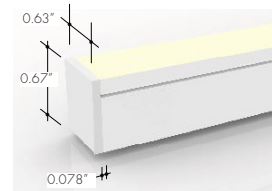
Bottom power feed (72" wire lead)



Side power feed (72" wire lead)



End cap



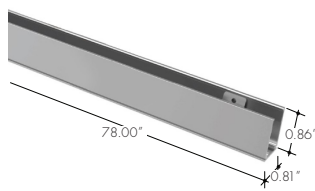
### Ordering code for system run

MODEL	COLOR	SECTION START	FIXTURE LENGTH	JOINER TYPE	FIXTURE LENGTH	SECTION END
<b>KBL-F-V</b>	<b>DW</b>	<b>IEPF</b>		<b>JC</b>		<b>IEC</b>
KBL - Kurba Large, flat vertical	DW - Dynamic White	IEC - Injection Moulding End cap IEPF - Injection Moulding End power feed (72" wire lead) IBPF - Injection Moulding Bottom power feed (72" wire lead) ISPF - Side power feed (72" wire lead)	view table on page 1 for ordering increment	JC - Joiner	view table on page 1 for ordering increment	IEC - Injection Moulding End cap IEPF - Injection Moulding End power feed (72" wire lead) IBPF - Injection Moulding Bottom power feed (72" wire lead) ISPF - Side power feed (72" wire lead)

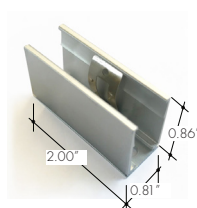
Each system run must be kept under power supply max wattage. Refer to page 4 for power supply information. Additional runs can be added to system, by continuing the same ordering code logic reference sample above.

### Mounting Accessories & Optional Connectors

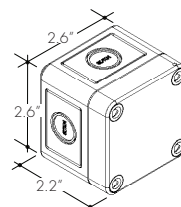
aluminum channel  
Part # MC-KBL-F-V-78



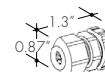
mounting bracket, recommended every 8 inches  
Part # MB-KBL-F-V-2IN



Splice Box: Wet rated, low voltage splice box, gray  
Part # LVSP-WET

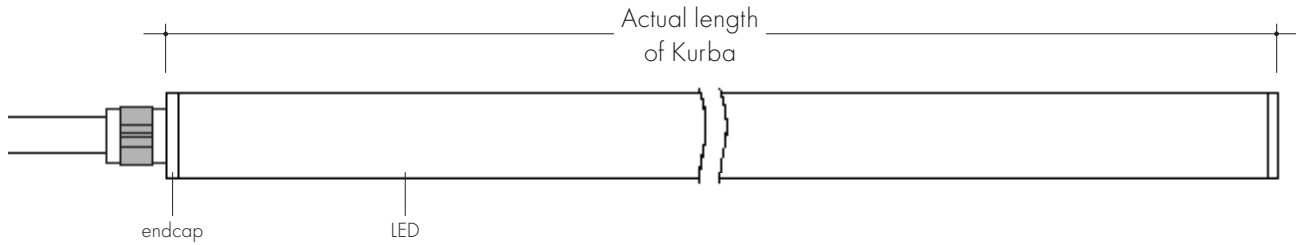


Connector: Low voltage splice box wet cable management gray  
Part # LVSP-WET-CM



### Power consumption per fixture length

Based on operation with PSD series of power supplies.



Nominal Length	Dynamic White		
	Actual Length	W/ft	Total wattage
1'	10"	3.65	3.65
2'	23-1/16"	3.20	6.40
3'	36-2/16"	3.30	9.90
4'	45-15/16"	3.40	13.70
5'	59"	3.28	16.40
6'	72-2/16"	3.35	20.10
7'	81-15/16"	3.40	23.80
8'	95"	3.31	26.50
9'	108-1/16"	3.38	30.40
10'	117-14/16"	3.41	34.10
11'	130-15/16"	3.35	36.80
12'	144-1/16"	3.34	40.10
13'	153-14/16"	3.39	44.00
14'	166-15/16"	3.37	46.70
15'	180"	3.37	50.50
16'	189-13/16"	3.32	53.90
17'	202-14/16"	3.36	56.50
18'	216"	3.36	60.40
19'	225-13/16"	3.35	63.80
20'	238-14/16"	3.33	66.70
21'	251-15/16"	3.34	70.00
22'	261-12/16"	3.34	73.40
23'	274-13/16"	3.30	76.00
24'	287-15/16"	3.31	79.50
25'	297-12/16"	3.28	82.10
26'	310-13/16"	3.28	85.30

## Power supply

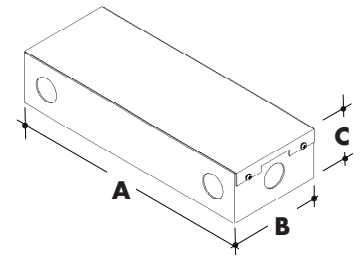
See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

### Non-Dimming:

MODEL	POWER	OUTPUT	DIMMING	LOCATION
<b>PSV</b>	<b>40</b>	<b>24V</b>	<b>U2ND</b>	<b>D</b>
PSV - PSV Series	40 - 40 W 60 - 60 W 96 - 96 W	24 - 24 VDC	U2ND - Non Dimming	D - Dry Location IP65 - Wet Location

- Requires a controller & a decoder to work properly

MODELS	PSV Dry	PSV Wet
<b>A Length</b>	9.2"	9.5"
<b>B Width</b>	3.4"	4.12"
<b>C Depth</b>	1.9"	2.3"

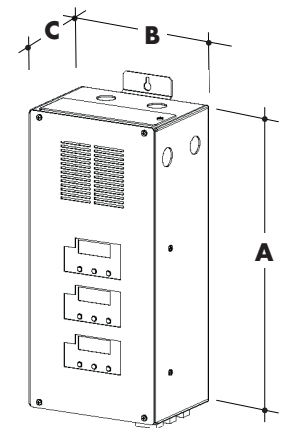


### DMX:

MODEL	POWER	OUTPUT
<b>PSDMX</b>	<b>96</b>	<b>24</b>
PSDMX - DMX Power Supply	96 - 96 WATT 3X96 - 3 X 96 WATT	24 - 24 VDC

- Features eldoLED's LINEARdrive configurable dimmable drivers

MODELS	96 W	3 x 96 W
<b>A Length</b>	14.40"	15.75"
<b>B Width</b>	5.20"	6.60"
<b>C Depth</b>	2.60"	4.80"



## DDW-MC

Dynamic white Controller



Dynamic white wall-mount controller controls lighting fixtures, wireless control of DW lighting fixture. 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.

### ORDERING CODE

Model
<b>DDW-MC</b>

DDW - Dynamic white controller

**Operating voltage**  
3V DC battery

### Features

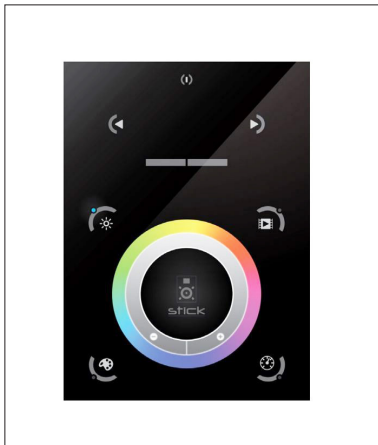
- Switch and dimming control function, control range >20M.
- Switch on/off of lighting slowly, without any flash, meet the comfort of human eyes.
- Switch from color dimming to adjust color temperature.
- Enable to control 1 zones separately, each zone can be set endless receivers, each receiver maximally be controlled by 8 different remotes.
- Enable be dimmed, switch ON/OFF and adjust color temperature by push button after connecting receivers.

### Color parameters

- Brightness
- Saturation
- Fading

## Touch DMX Controller

Touchscreen digital LED 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.

**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

**Key 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

### ORDERING CODE

Model
TSDMX-E

TSDMX-E - Touchscreen DMX controller

## DMX decoder

DMX signal to RGBW decoder (required to operate DMX controller)



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
DDMX-RGBW

DDMX-RGBW - DMX decoder