

Kurba Horizontal RGB & RGBW is a direct view, small profile, energy efficient and flexible LED strip suitable for wet locations capable of horizontal bends up to 2.5" radius. Built with robust factory made power feeds or joiners, Kurba Horizontal 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

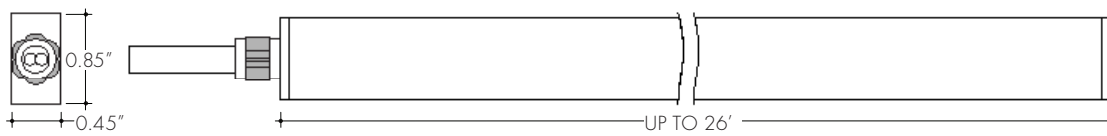
Approvals
Class 2 wet listed, IP67

Warranty
3 years

Applications:
Outdoor wet location



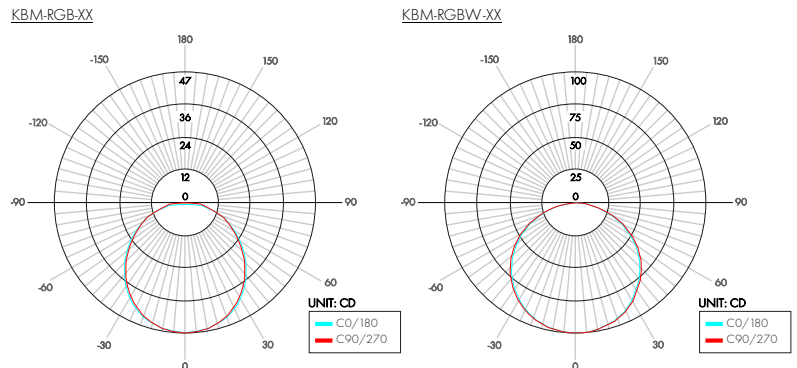
Kurba dimensions



Technical information

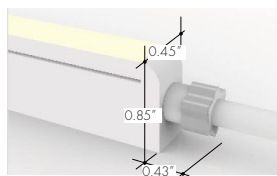
MODEL	RGB	RGBW (4000K)
LEDS/ft	18	18
Light output	Red: 6 lm/ft Green: 23 lm/ft Blue: 6 lm/ft All on: 34 lm/ft	Red: 12 lm/ft Green: 37 lm/ft Blue: 8 lm/ft White: 38 lm/ft All on: 95 lm/ft
Average power consumption at 4'	3.65 W/ft	4.57 W/ft
Ordering increment	3.93"	3.93"
Maximum run length (in series)	26 ft	20 ft

CANDLE POWER DISTRIBUTION

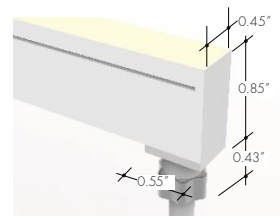


SECTION START/END OPTIONS

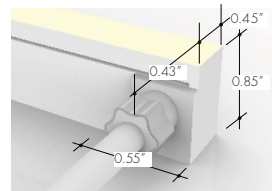
End power feed (72" wire lead)



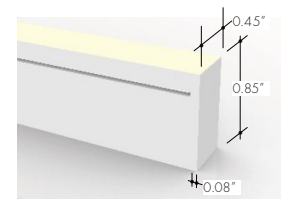
Bottom power feed (72" wire lead)



Side power feed (72" wire lead)



End cap

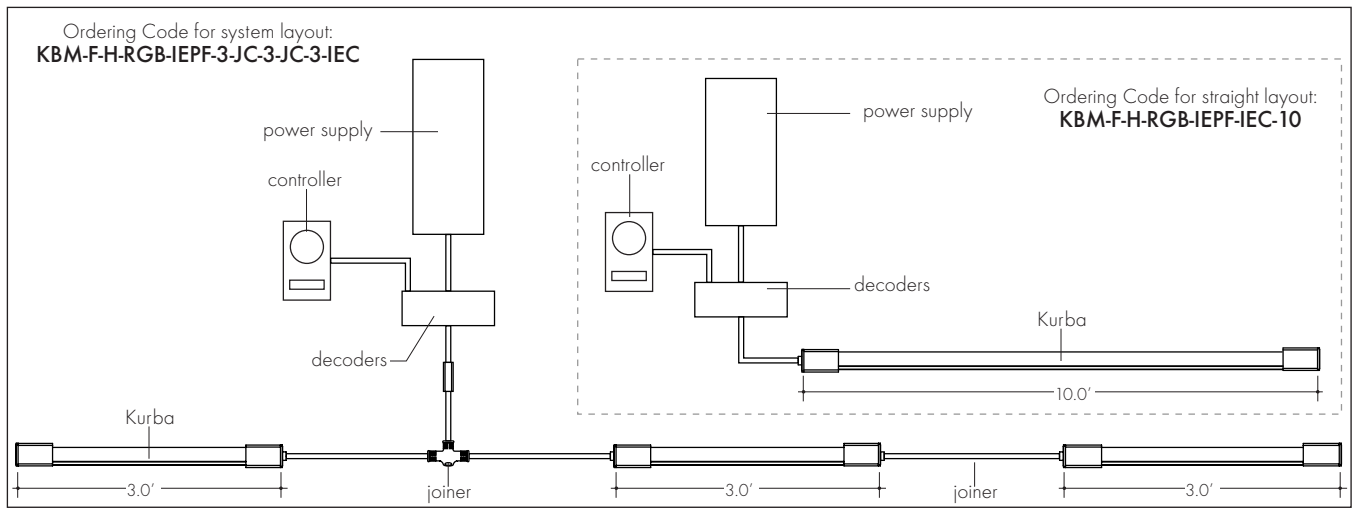


Ordering code for straight run

MODEL	COLOR	SECTION START	SECTION END	LENGTH
KBM-F-H	RGB	IEPF	IEC	
KBM - Kurba medium, flat horizontal	RGB - Red, Green, & Blue RGBW - Red, Green, Blue, & White (4000K)	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

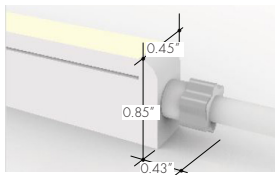
Kurba System Run

Sample layout

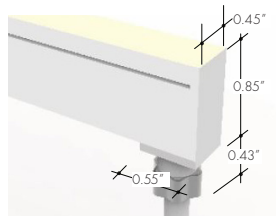


SECTION START/END OPTIONS

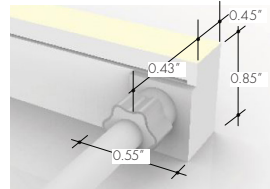
End power feed (72" wire lead)



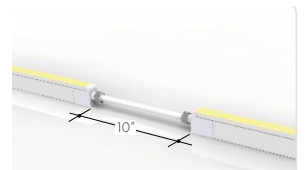
Bottom power feed (72" wire lead)



Side power feed (72" wire lead)



Factory Joiner



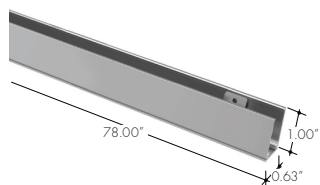
Ordering code for system run

MODEL	COLOR	SECTION START	FIXTURE LENGTH	JOINER TYPE	FIXTURE LENGTH	SECTION END
KBM-F-H	RGB	IEPF		JC		IEC
KBM - Kurba medium, flat horizontal	RGB - Red, Green, & Blue RGBW - Red, Green, Blue, & White (4000K)	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	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)

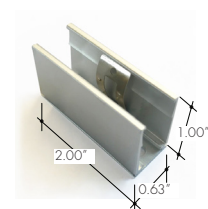
Each system run must be kept under power supply max wattage. Refer to page 4 for power supply information. Additional runs can be added to system, by continuing the same ordering code logic reference sample above.

Mounting Accessories & Optional Connectors

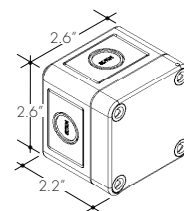
aluminum channel
Part # MC-KBM-F-H-78



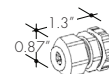
mounting bracket,
recommended every 8 inches
Part # MB-KBM-F-H-2IN



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

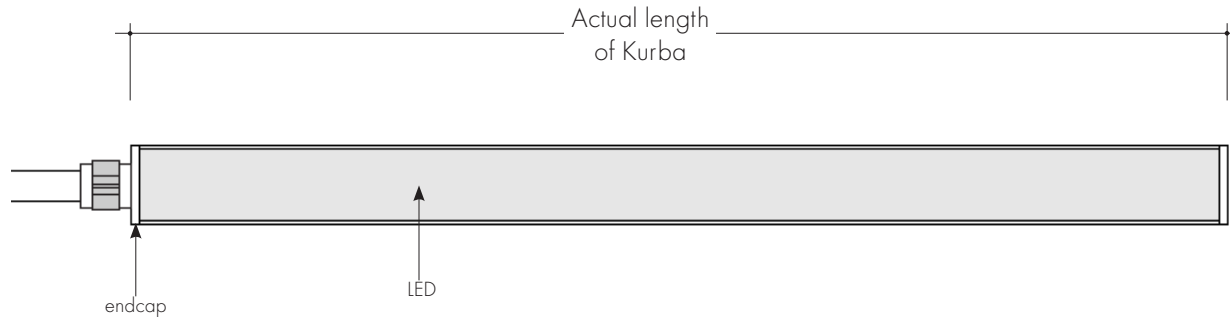


Connector: Low voltage splice box wet cable management gray
Part # LVSP-WET-CM



Power consumption per fixture length

Based on operation with PSD series of power supplies.



Nominal Length	Actual Length	RGB		RGBW		
		W/ft	Total wattage	Actual Length	W/ft	Total wattage
1'	12"	3.65	3.65	12"	4.56	4.56
2'	23-13/16"	3.20	6.40	23-13/16"	4.00	8.00
3'	35-10/16"	3.30	9.90	35-10/16"	4.13	12.38
4'	47-7/16"	3.40	13.70	47-7/16"	4.25	17.13
5'	59-4/16"	3.28	16.40	59-4/16"	4.10	20.50
6'	71-1/16"	3.35	20.10	71-1/16"	4.19	25.13
7'	82-14/16"	3.40	23.80	82-14/16"	4.25	29.75
8'	94-12/16"	3.31	26.50	94-12/16"	4.14	33.13
9'	106-9/16"	3.38	30.40	106-9/16"	4.23	38.00
10'	118-6/16"	3.41	34.10	118-6/16"	4.26	42.63
11'	130-3/16"	3.35	36.80	130-3/16"	4.19	46.00
12'	142"	3.34	40.10	142"	4.18	50.13
13'	153-13/16"	3.39	44.00	153-13/16"	4.24	55.00
14'	165-10/16"	3.37	46.70	165-10/16"	4.21	58.38
15'	181-6/16"	3.37	50.50	181-6/16"	4.21	63.13
16'	193-4/16"	3.32	53.90	193-4/16"	4.15	67.38
17'	205-1/16"	3.36	56.50	205-1/16"	4.20	70.63
18'	216-14/16"	3.36	60.40	216-14/16"	4.20	75.50
19'	228-11/16"	3.35	63.80	228-11/16"	4.19	79.75
20'	240-8/16"	3.33	66.70	240-8/16"	4.16	83.38
21'	252-5/16"	3.34	70.00			
22'	264-2/16"	3.34	73.40			
23'	275-15/16"	3.30	76.00			
24'	287-12/16"	3.31	79.50			
25'	299-10/16"	3.28	82.10			
26'	311-7/16"	3.28	85.30			

Power supply

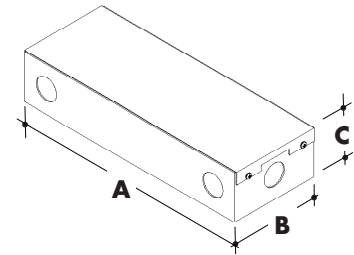
See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

Non-Dimming:

MODEL	POWER	OUTPUT	DIMMING	LOCATION
PSV	40	24V	U2ND	D
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
A Length	9.2"	9.5"
B Width	3.4"	4.12"
C Depth	1.9"	2.3"

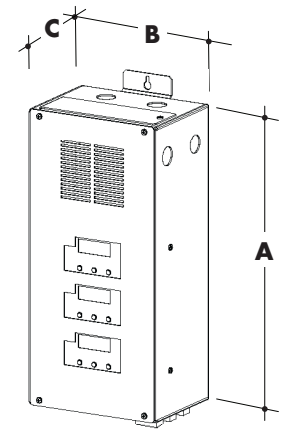


DMX:

MODEL	POWER	OUTPUT
PSDMX	96	24
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
A Length	14.40"	15.75"
B Width	5.20"	6.60"
C Depth	2.60"	4.80"



DMX-3Z-RGBW

RGBW LED 1 or 3 Zone Controller



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.

ORDERING CODE

Model	Zones	Color
DMX	3Z	RGBW
DMX - DMX controller	3Z - Three Zone 1Z - One Zone	RGBW - Red, Green, Blue & White

Operating voltage

12 - 24V DC

Features

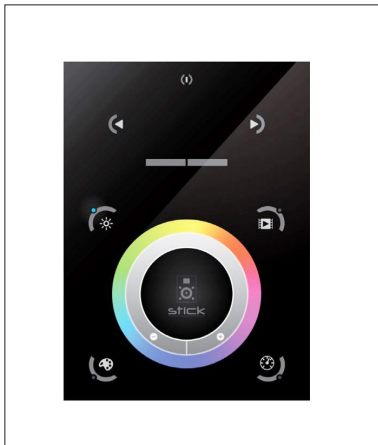
- 2 in 1 in-Wall Controller: DMX Control or Wireless RGB-W
- 65,000 Color Options, Dimming and Speed Control
- Memory Function
- 50 Foot Wireless Range
- Easily Fits Standard US Switch Boxes
- Touch Sensitive Glass Surface
- Includes 10 Built in Programs, or Create and Play Your Own

Color parameters

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

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