

# Installation Instructions - Kurba Grazer 3D RGB RGBW

Models KBG-W-3D-XX

**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
4. SUITABLE FOR WET LOCATIONS
5. NO ADHESIVE ALLOWED TO AFFIX THE PRODUCT



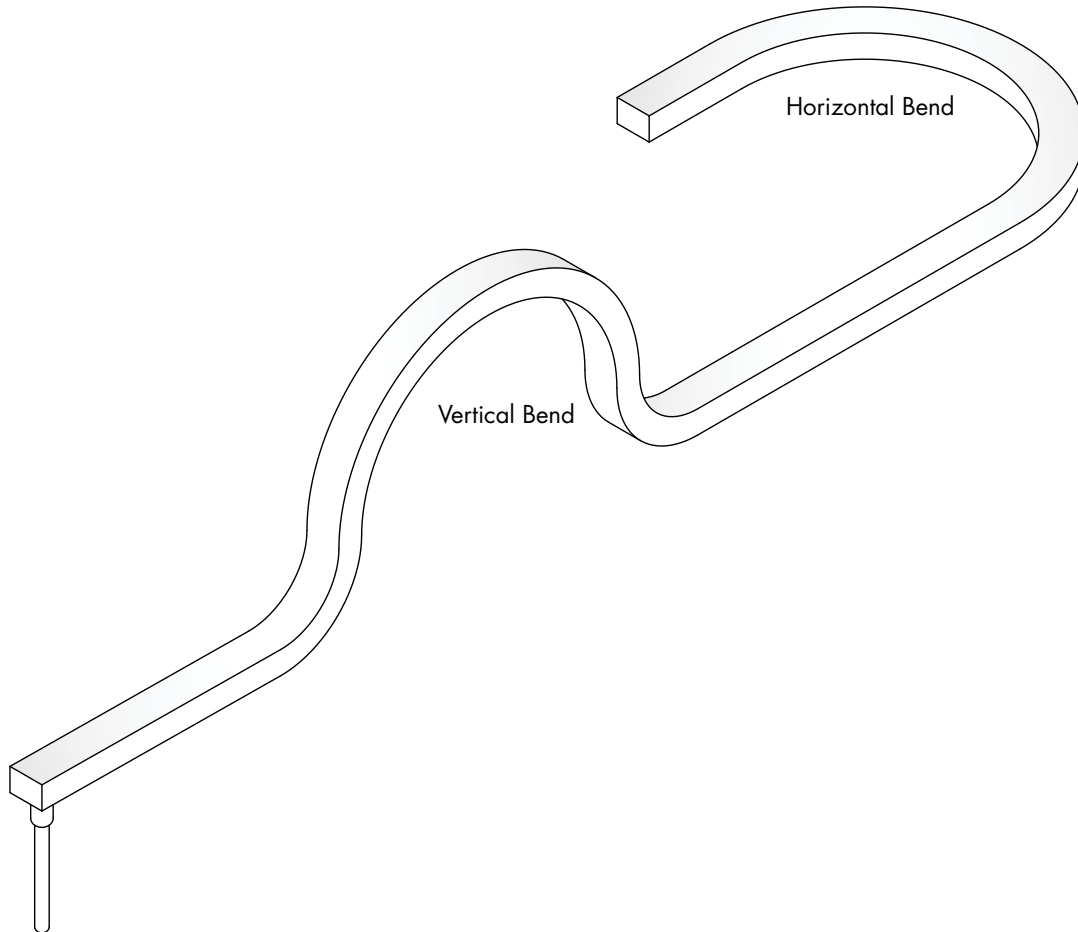
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7777 Merrimac Ave  
Niles, IL 60714  
T 224.333.6033  
F 224.757.7557  
info@luminii.com  
www.luminii.com

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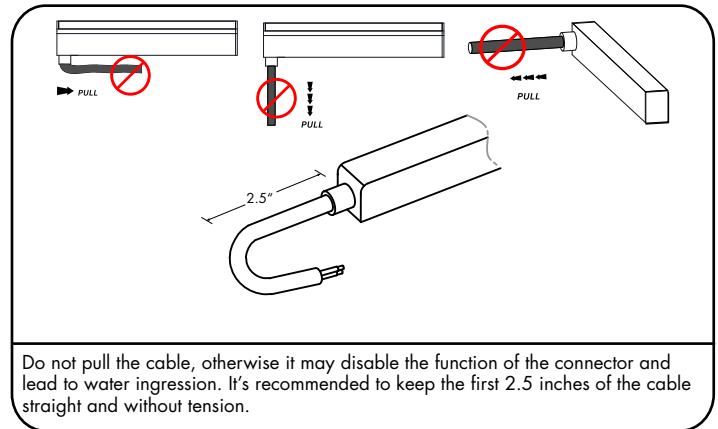
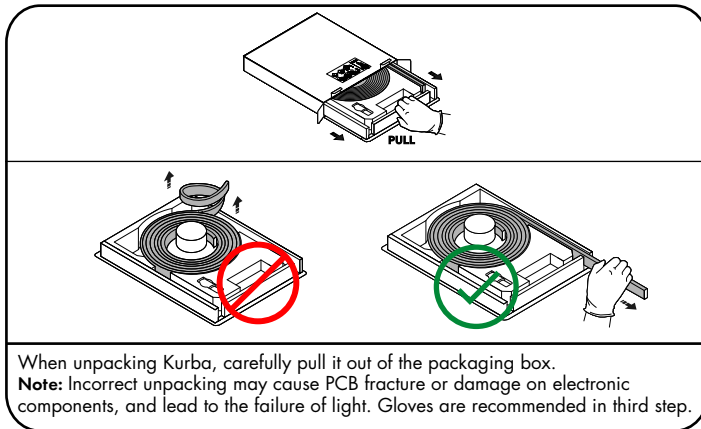
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## CAUTION: Reference to below before installing Kurba



Horizontal Bend	Vertical Bend
<p><b>CAN</b> Bend LED in these positions to avoid damage</p> <p>LED surface (gray color)</p> <p>minimum diameter</p> <p><b>CANNOT</b> Twisting or bending LED in these positions will cause damage to the LED</p> <p>Twisting Kurba will cause damage to the LED</p> <p>LED surface (gray color)</p> <p>Do not make sharp bends near the endcap</p> <p>Bending in the same direction as the LED will cause damage to the LED</p>	<p><b>CAN</b> Bend LED in these positions to avoid damage</p> <p>minimum diameter</p> <p>LED surface (gray color)</p> <p><b>CANNOT</b> Twisting or bending LED in these positions will cause damage to the LED</p> <p>Twisting Kurba will cause damage to the LED</p> <p>LED surface (gray color)</p> <p>Do not make sharp bends near the endcap</p> <p>Bending in the same direction as the LED will cause damage to the LED</p>

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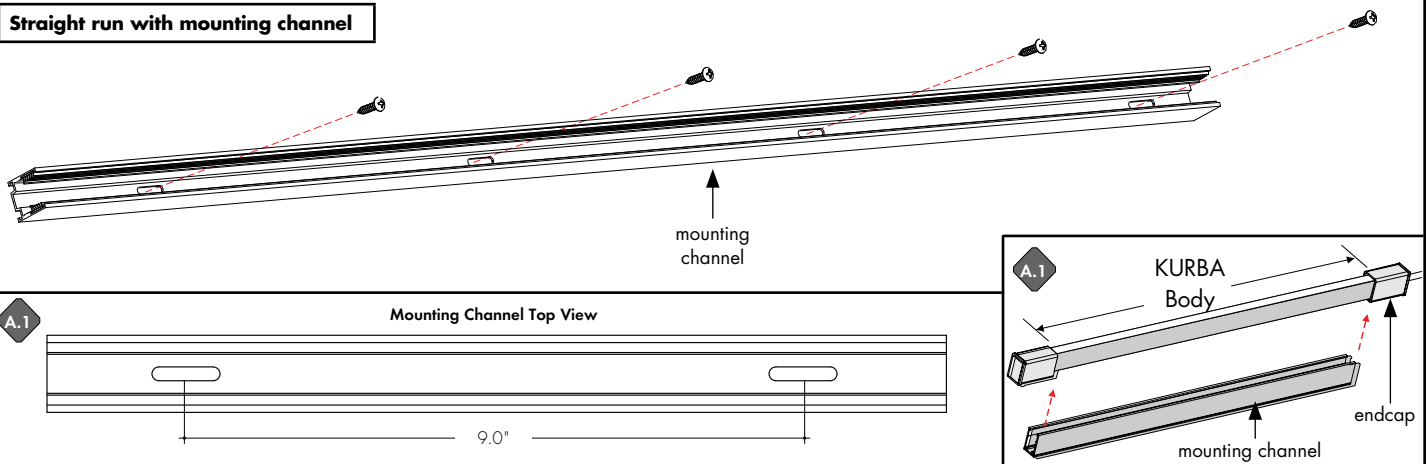
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**NOTE:** Prior to installation all 24VDC wires must be present within 72" of the installation. Refer to the power supply installation instruction for additional information.

**NOTE:** More than one person is recommended for this installation.

- 1.1** Once the location or pattern is determined for Kurba to be installed, start off by marking the area. Amount of brackets may vary dependant upon pattern. Reference diagrams below.

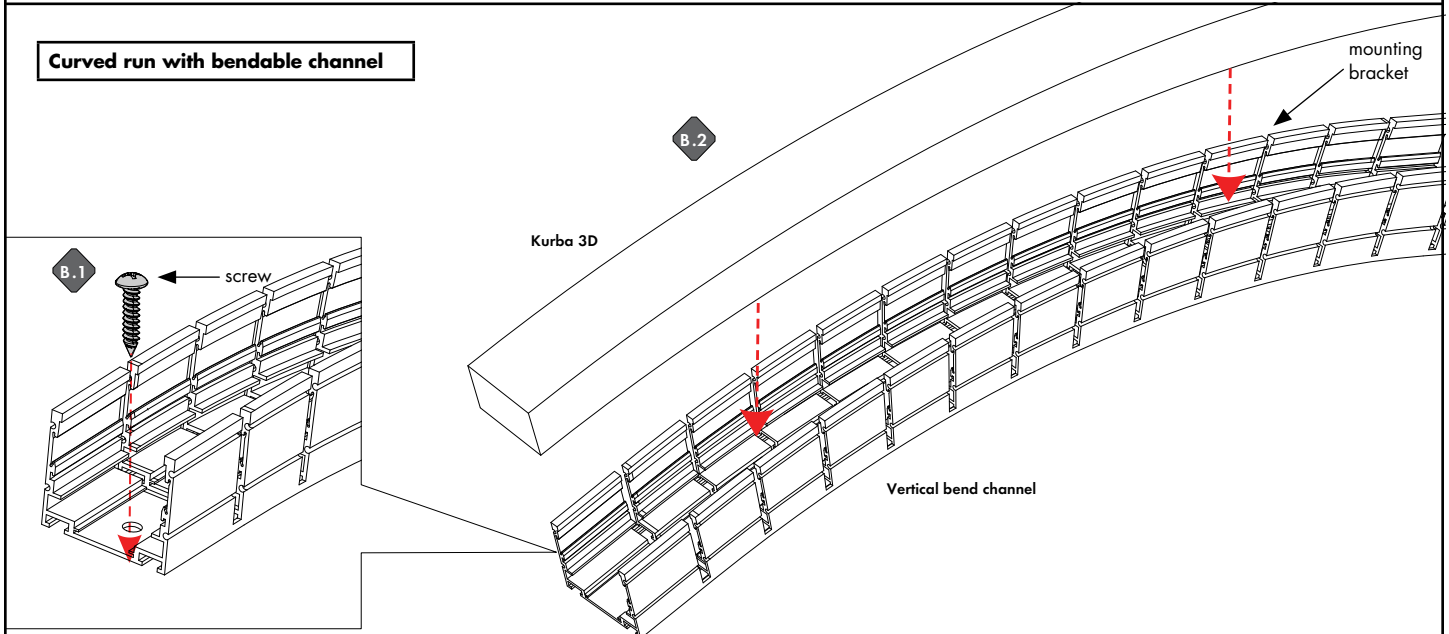
## Straight run with mounting channel



- A.1** Drill holes into the surface 9" apart from each other, followed by placing the mounting channel to the surface. Make sure its straight by using a level.

- A.2** Secure channel to the surface by tightening all the provided screws. If mounting to something other than wood, we recommend using the proper hardware.

## Curved run with bendable channel



- B.1** Determine the shape of the Kurba layout, then mark the pattern onto the surface. Minimum bending diameter 78.7 inch.

- B.2** Secure the mounting channel to the surface by tightening the screw. If mounting to something other than wood, we recommend using the proper hardware. Then, insert Kurba into the channel

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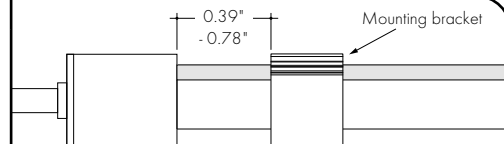


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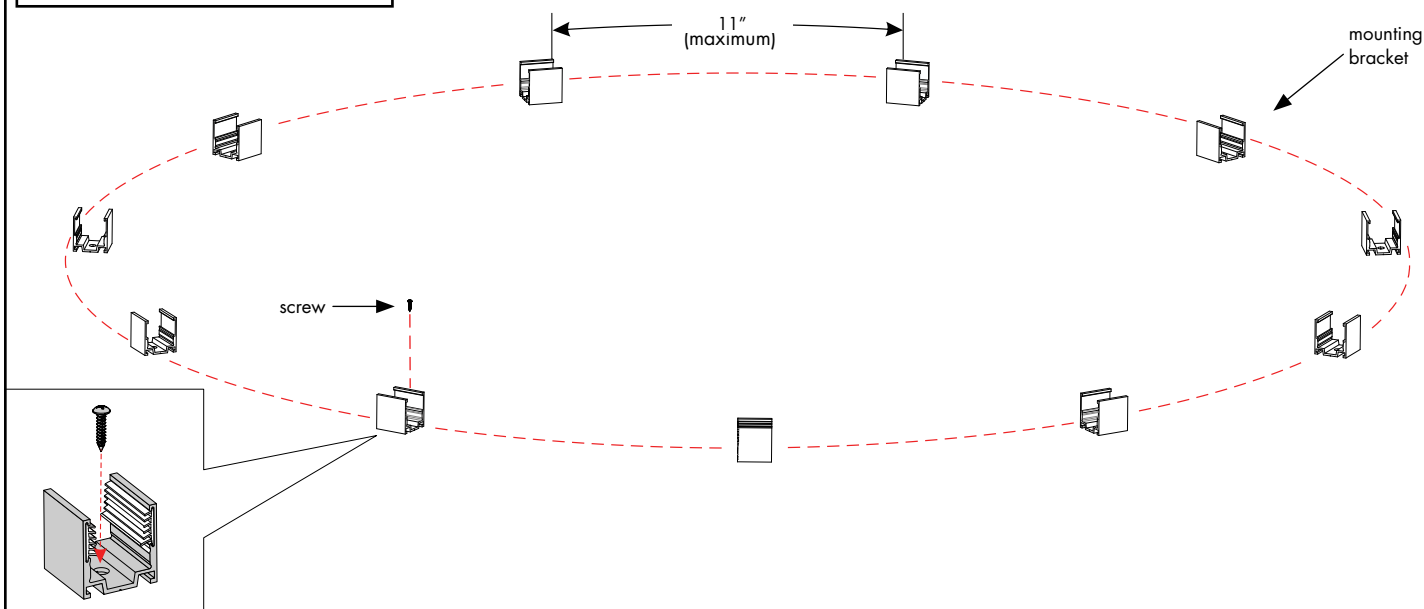
**NOTE:** More than one person is recommended for this installation.



**NOTE:** Keep a 0.39" - 0.79" spacing between the end of the fixture and the mounting bracket

- 2.1** Once the location or pattern is determined for Kurba to be installed, start off by marking the area. Amount of brackets may vary dependant upon pattern. Reference diagrams below.

## Curved run with mounting brackets



- 2.2** Determine the shape of the Kurba layout, then mark the pattern onto the surface. Then, place a mounting bracket every 11" (maximum). The pattern may vary dependant upon the amount of curves. 4-5 bracket per 40 inch recommended.

- 2.3** Secure the mounting brackets to the surface by tightening the screw. If mounting to something other than wood, we recommend using the proper hardware.

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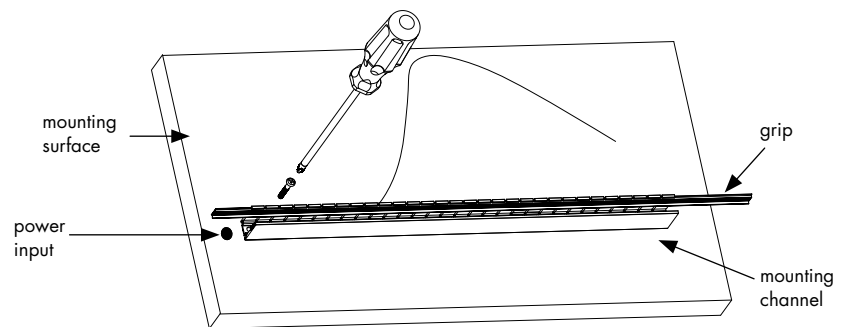
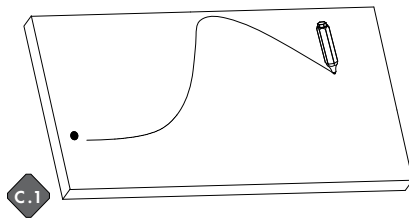
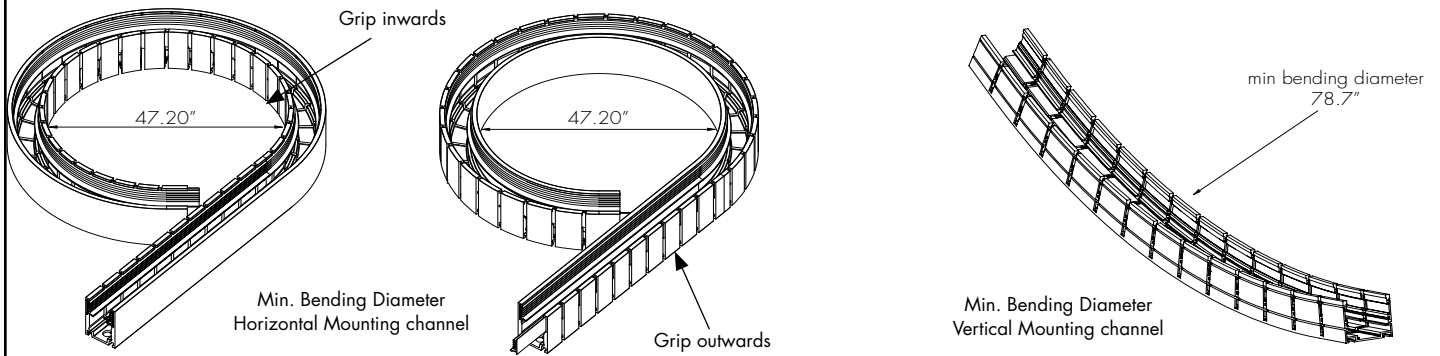
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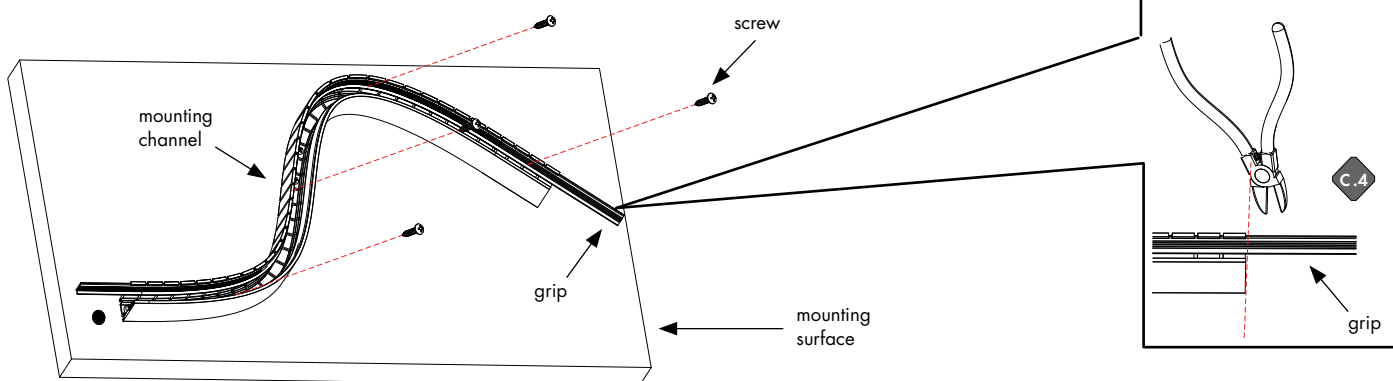
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## Bendable Mounting Channel with Grip



**C.1** Mark the required shape on the mounting surface.

**C.2** Fix the screw starting from the power input end. Keep some distance between the channel and power input.



**C.3** Fix the rest in sequence along with the marks.

**C.4** Adjust the serrate silicone tape and remove the extra lengths at both ends.

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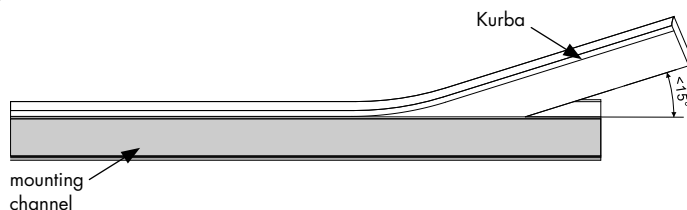
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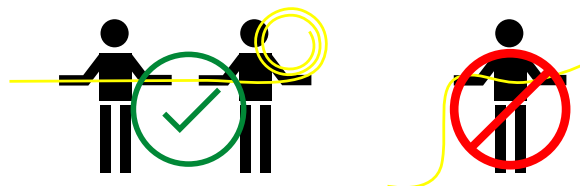


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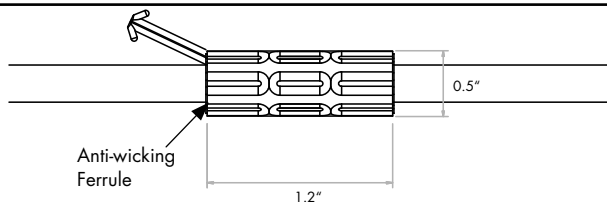
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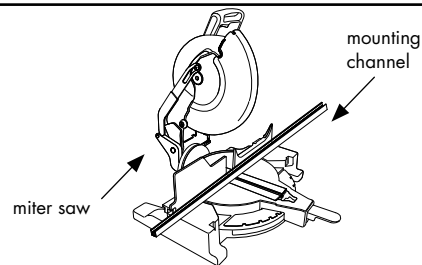
Make sure the angle between the light and profile is not bigger than 15°, otherwise Kurba might be damaged.



When light length longer than 6ft, make sure somebody helps to lift the light, in case the heavy weight of light itself generates too small bending angle or twisting, which may damage Kurba.



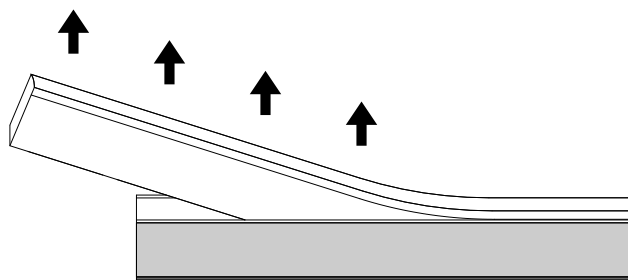
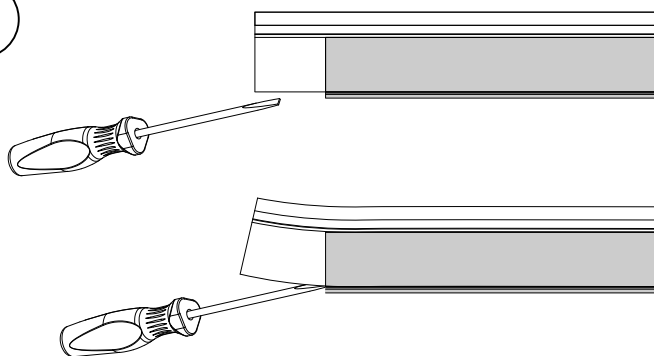
The removal of anti-wicking ferrule will increase the risk of water ingress and void the warranty out of it. For underwater application, do not immerse antiwicking ferrule in the water.



If needed, use miter saw to cut mounting channels into desired length

## Removing Kurba from Mounting Brackets

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- 1.1 To remove Kurba fixture from mounting bracket, gently push a **FLAT** head screw driver between the **BOTTOM** of the fixture and the mounting bracket, carefully pry up the Kurba Fixture. Once Kurba fixture has started coming out of the bracket, stop using the screw driver and instead use your hands and fingers to pull the fixture out of the bracket making sure to keep it at a 15° angle.

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## Power Supply Wiring Diagram

**Note:** Prior to installation all 24VDC wires must be present near fixture. Refer to the power supply installation instructions for additional information.



RGB/RGBW  
Wiring Diagram PDF