

Installation Instructions - Kurba Grazer 3D

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

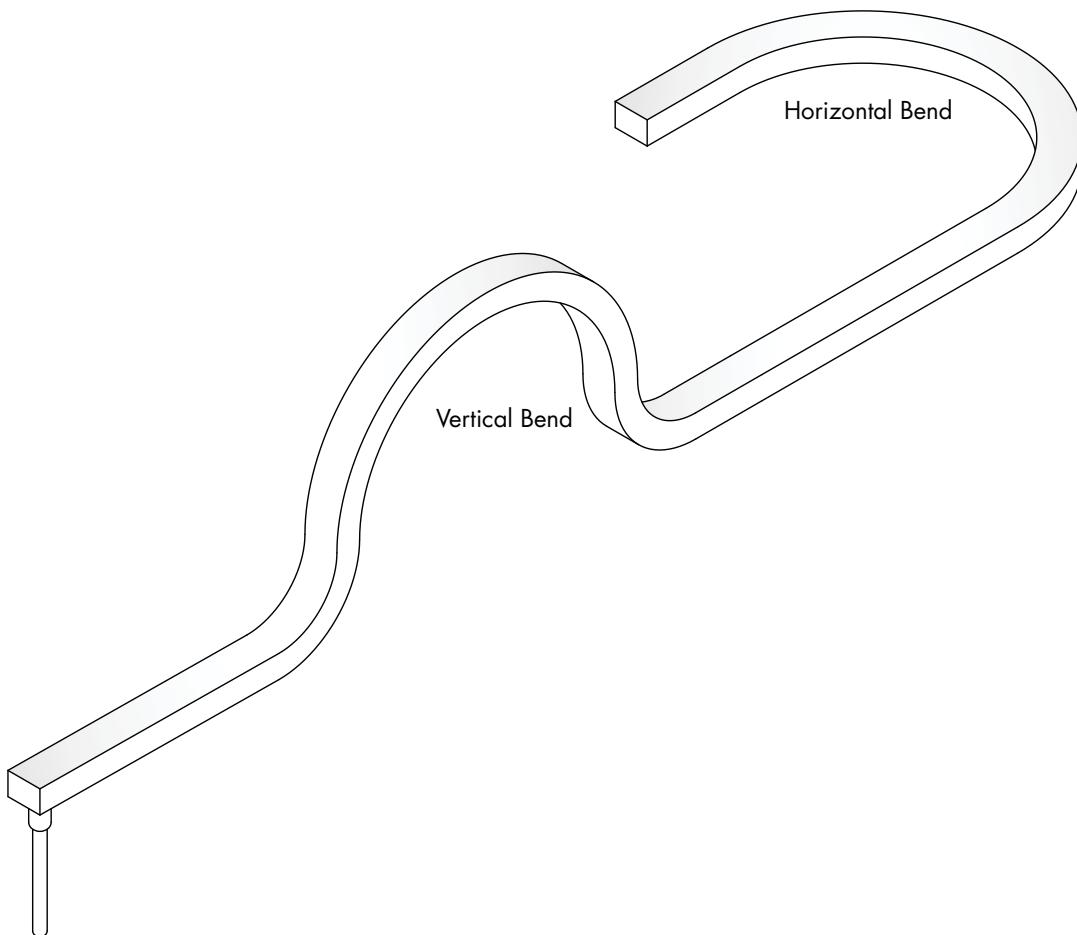


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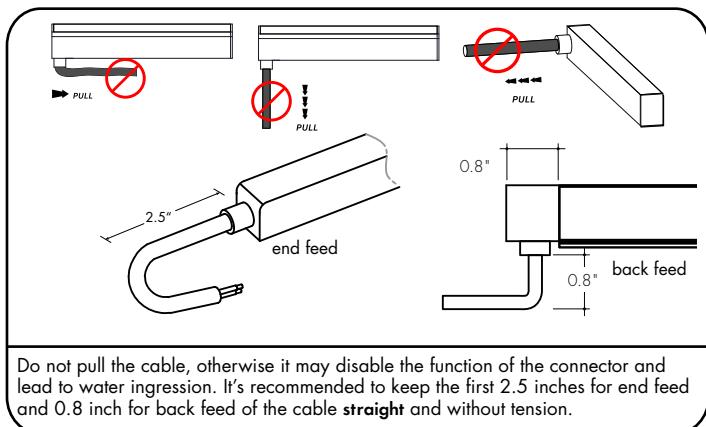
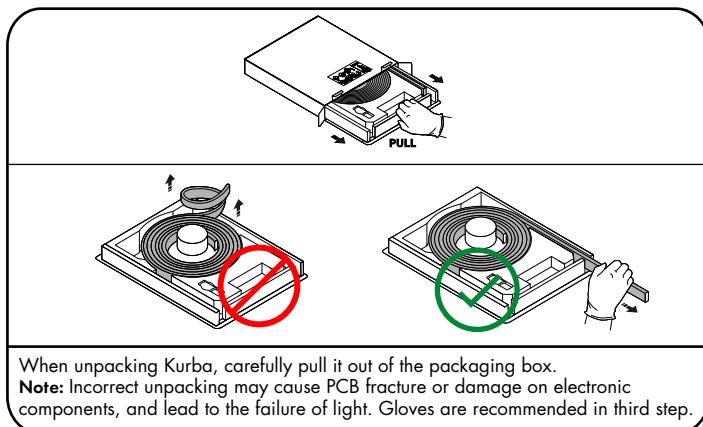
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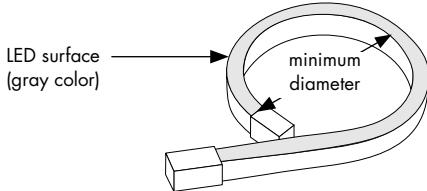


CAUTION: Reference to below before installing Kurba

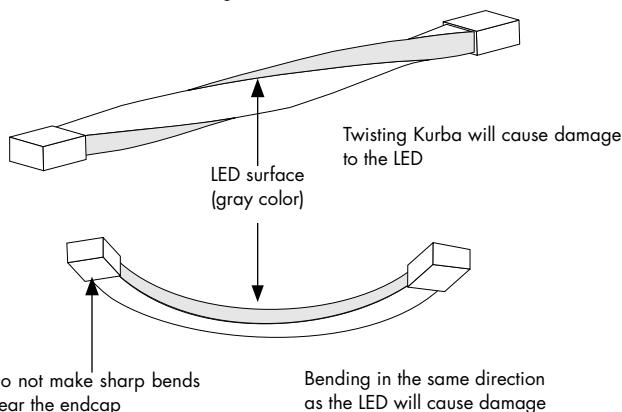


Horizontal Bend

CAN Bend LED in these positions to avoid damage



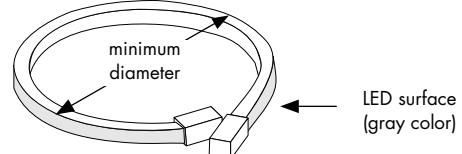
CANNOT Twisting or bending LED in these positions will cause damage to the LED



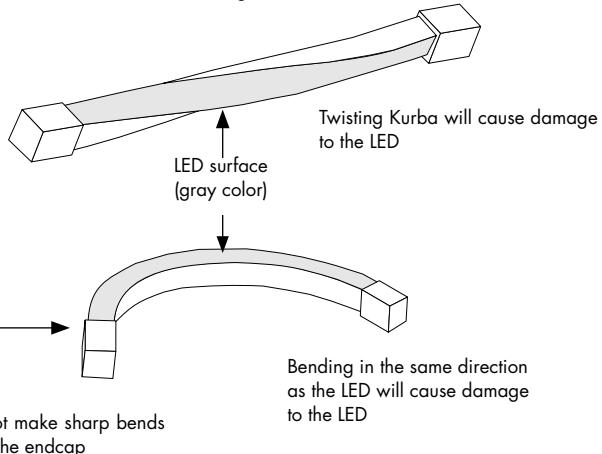
Vertical Bend

CAN Bend LED in these positions to avoid damage

Product Name	Minimum Diameter	
	Horizontal	Vertical
Kurba Wall Wash	32in	16in



CANNOT Twisting or bending LED in these positions will cause damage to the LED



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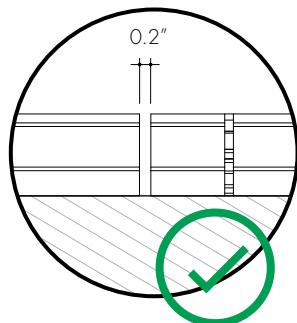
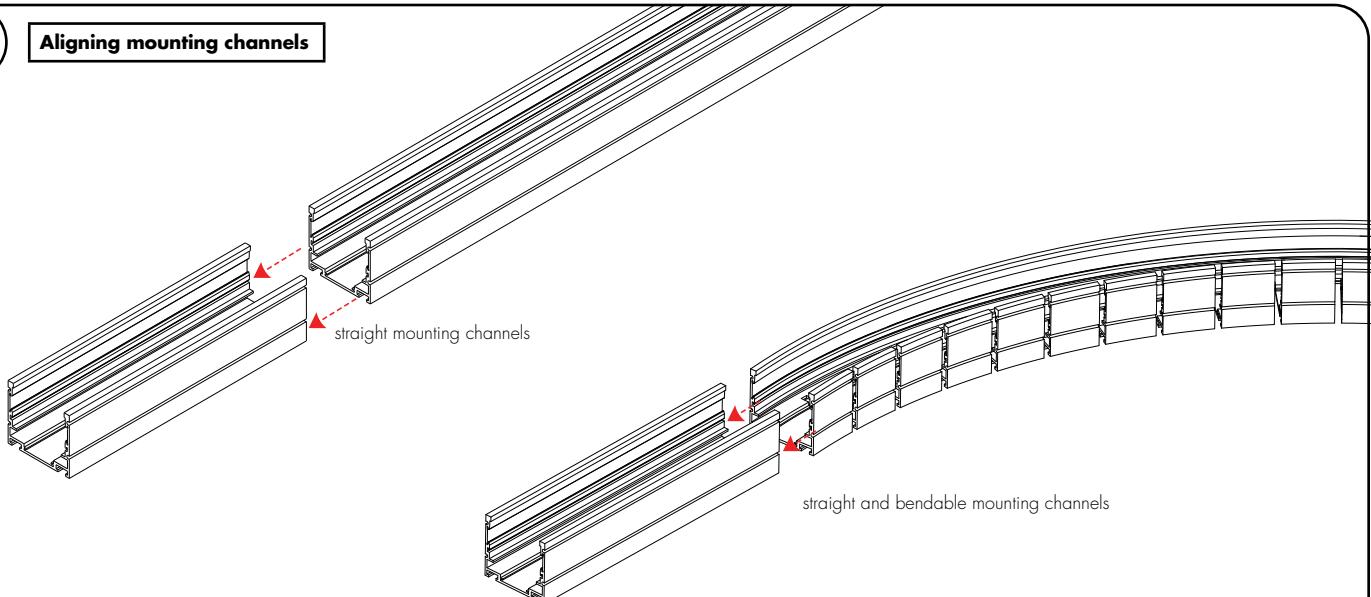
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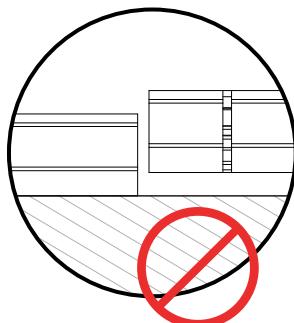
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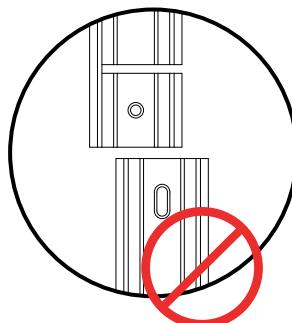
Aligning mounting channels



Leave around 0.2 inches between channels



No vertical misalignment



No horizontal misalignment

NOTE: The misalignments shown above will cause the light to bend improperly and may lead to wrinkles or fractures in the PCB

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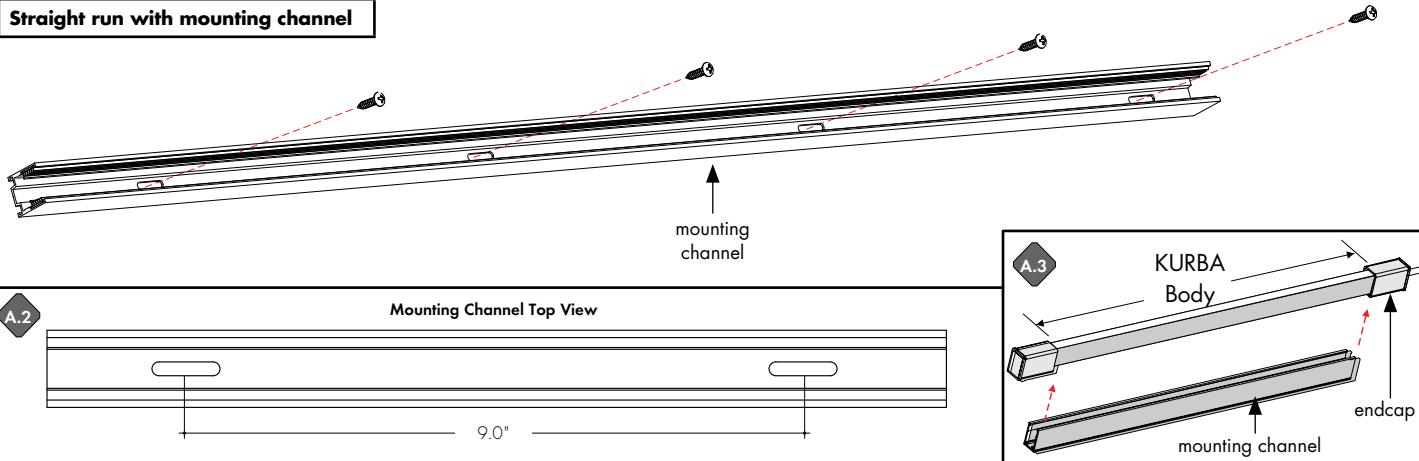
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NOTE: Prior to installation all 24VDC wires must be present within 72" of the installation. Refer to the power supply installation instruction for additional information.

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

A.1 Once the location or pattern is determined for Kurba to be installed, start off by marking the area. Amount of brackets may vary dependent upon pattern. Reference diagrams below.

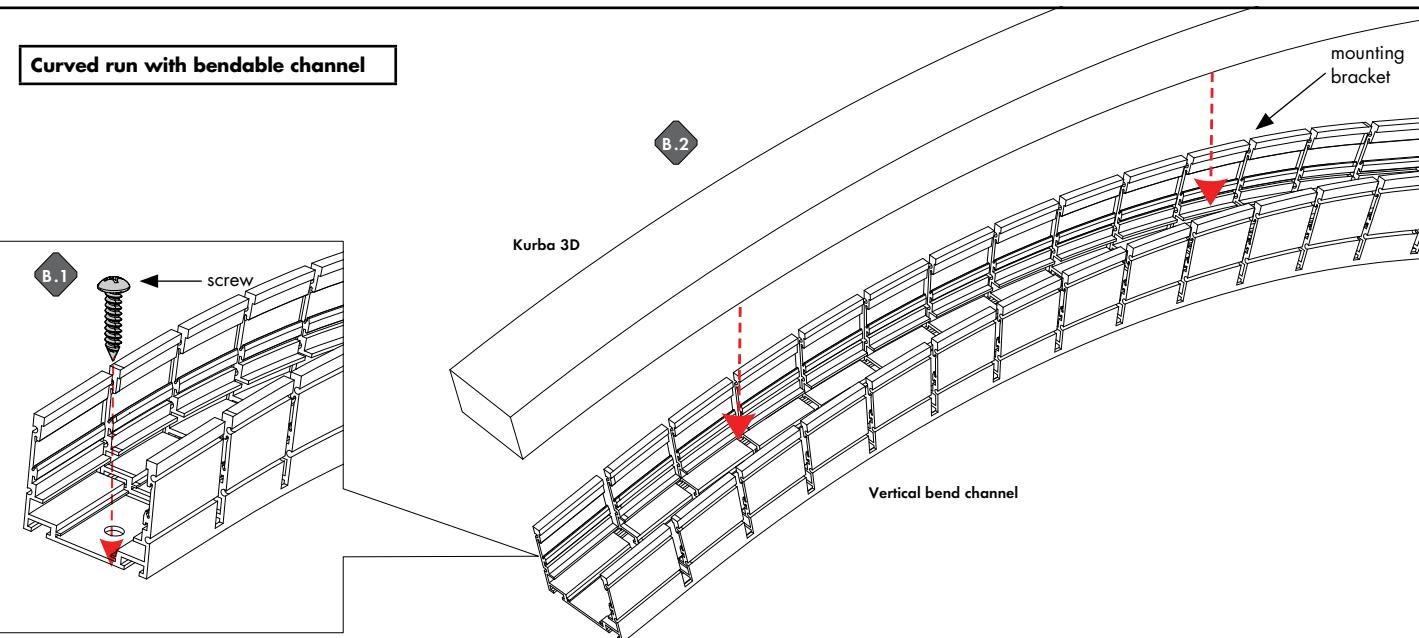
Straight run with mounting channel



A.2 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.3 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 of 80 inches.

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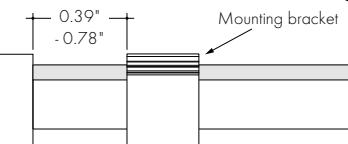
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NOTE: Prior to installation all 24VDC wires must be present within 72" of the installation.
Refer to the power supply installation instruction for additional information.

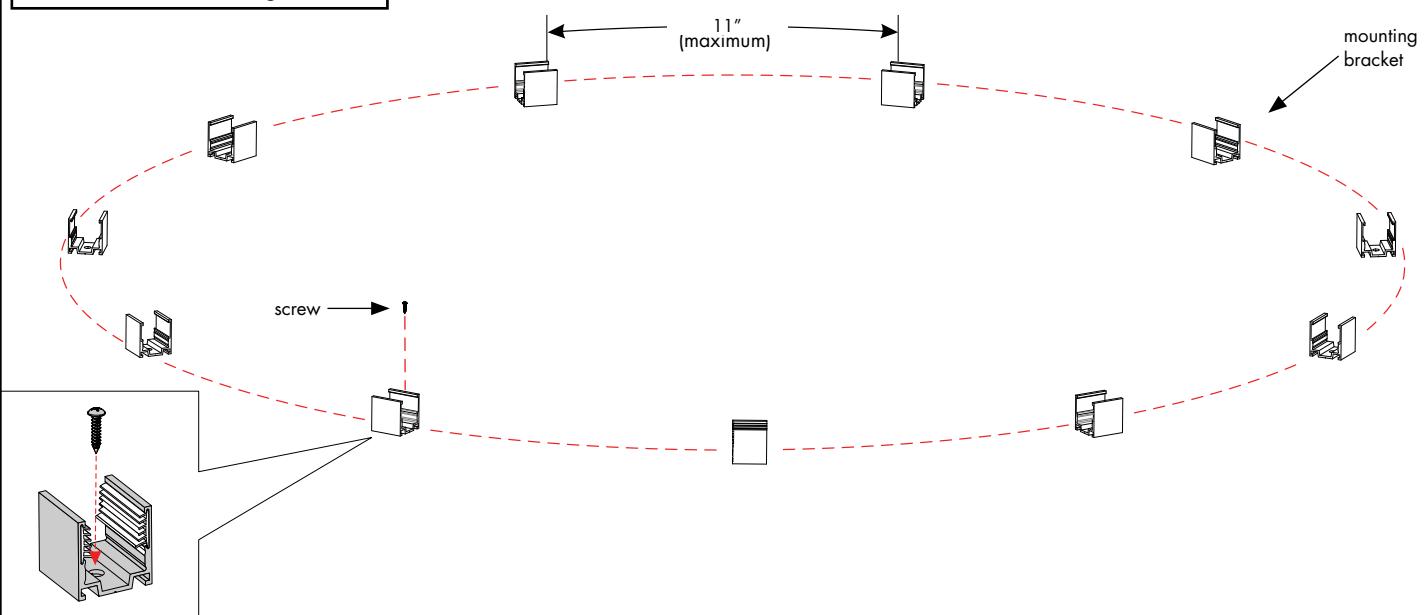
NOTE: More than one person is recommended for this installation.



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

C.1 Once the location or pattern is determined for Kurba to be installed, start off by marking the area. Amount of brackets may vary dependent upon pattern. Reference diagrams below.

Curved run with mounting brackets



C.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 dependent upon the amount of curves. 4-5 bracket per 40inch recommended.

C.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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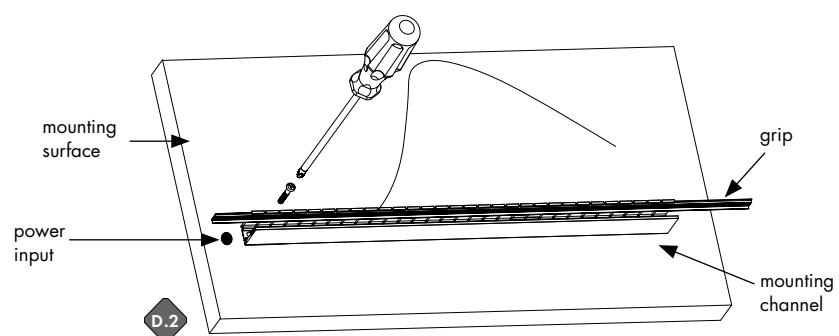
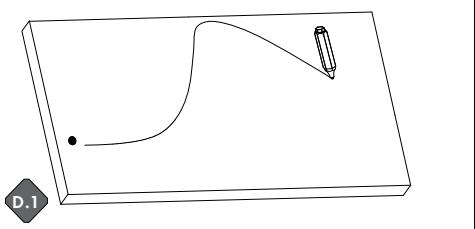
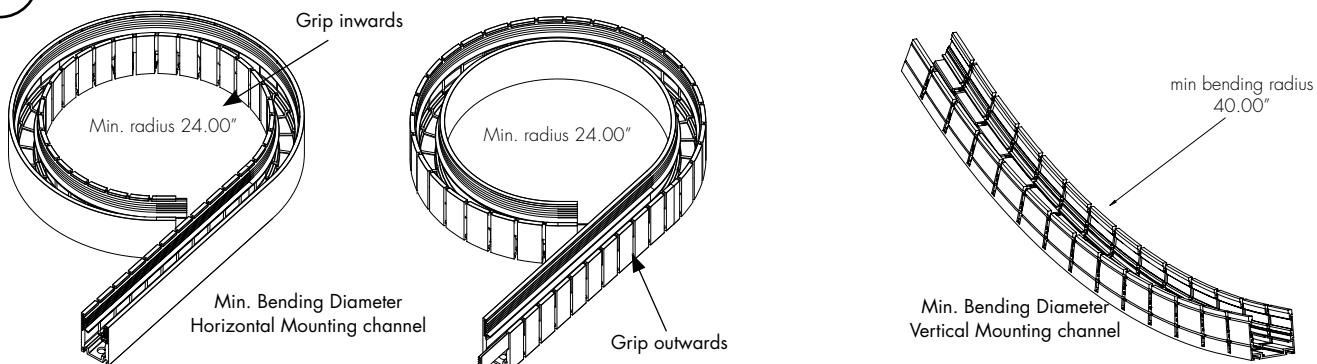
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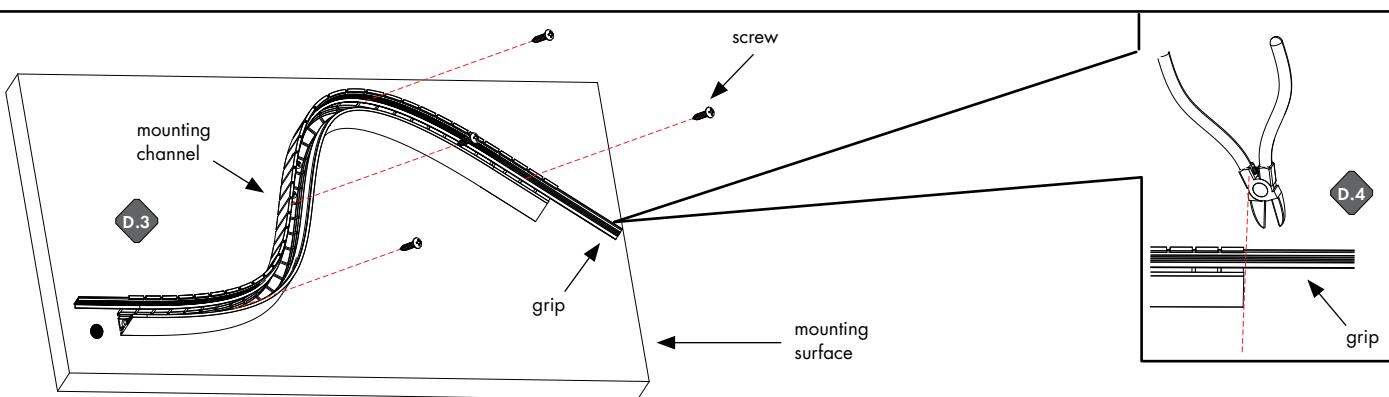
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Bendable Mounting Channel with Grip



D.1 Mark the required shape on the mounting surface.

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



D.3 Fix the rest in sequence along with the marks.

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

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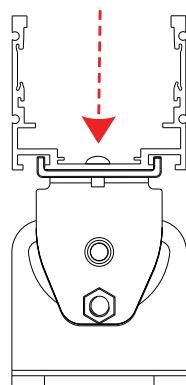
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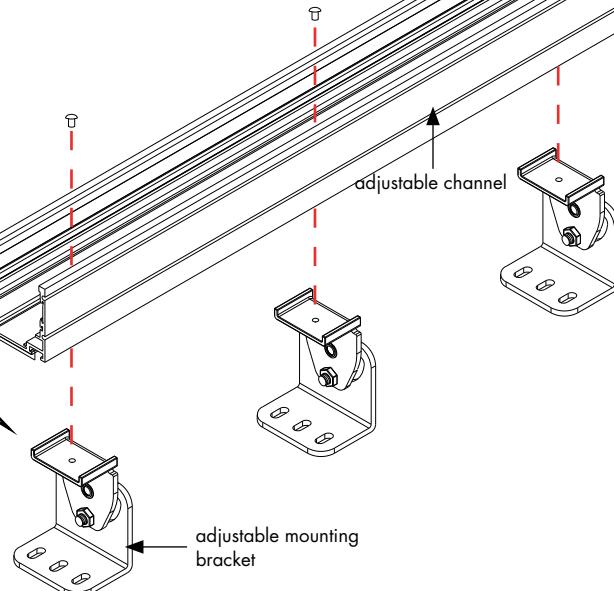
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Adjustable mounting bracket



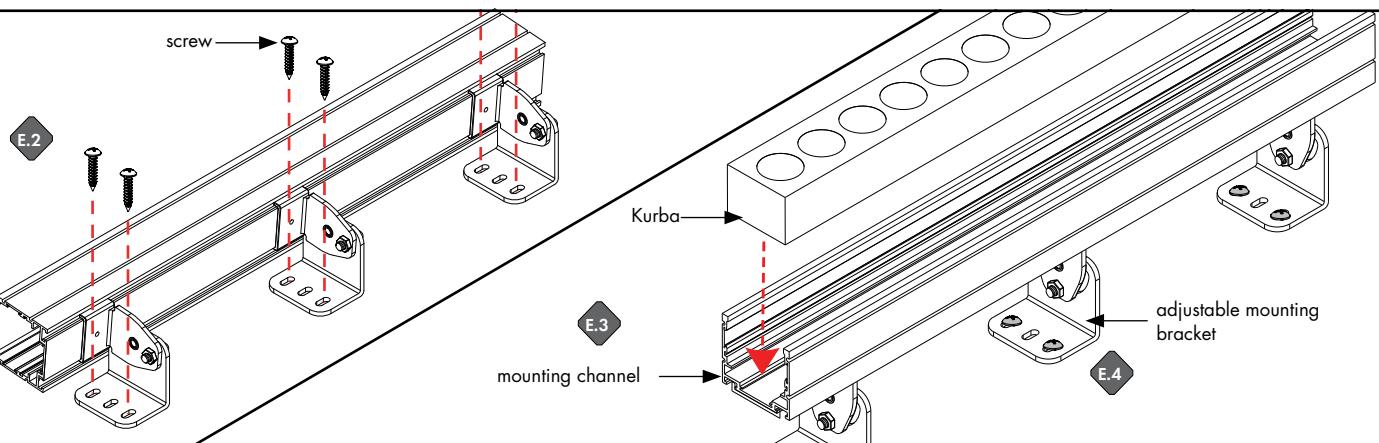
E.1



adjustable mounting bracket

E.1 Use screws to fasten the brackets on the profile. 2-3 brackets are recommended for every 40 inch of profile.

screw



Kurba

mounting channel

adjustable mounting bracket

E.2 Rotate the profile to one side, fasten the brackets with self-tapping screws. Marking out holes with pencil before fastening.

E.3 Rotate the profile upward and install the light.

E.4 Rotate the brackets to desired angle. Then tighten the nut screw to fix the angle in place.

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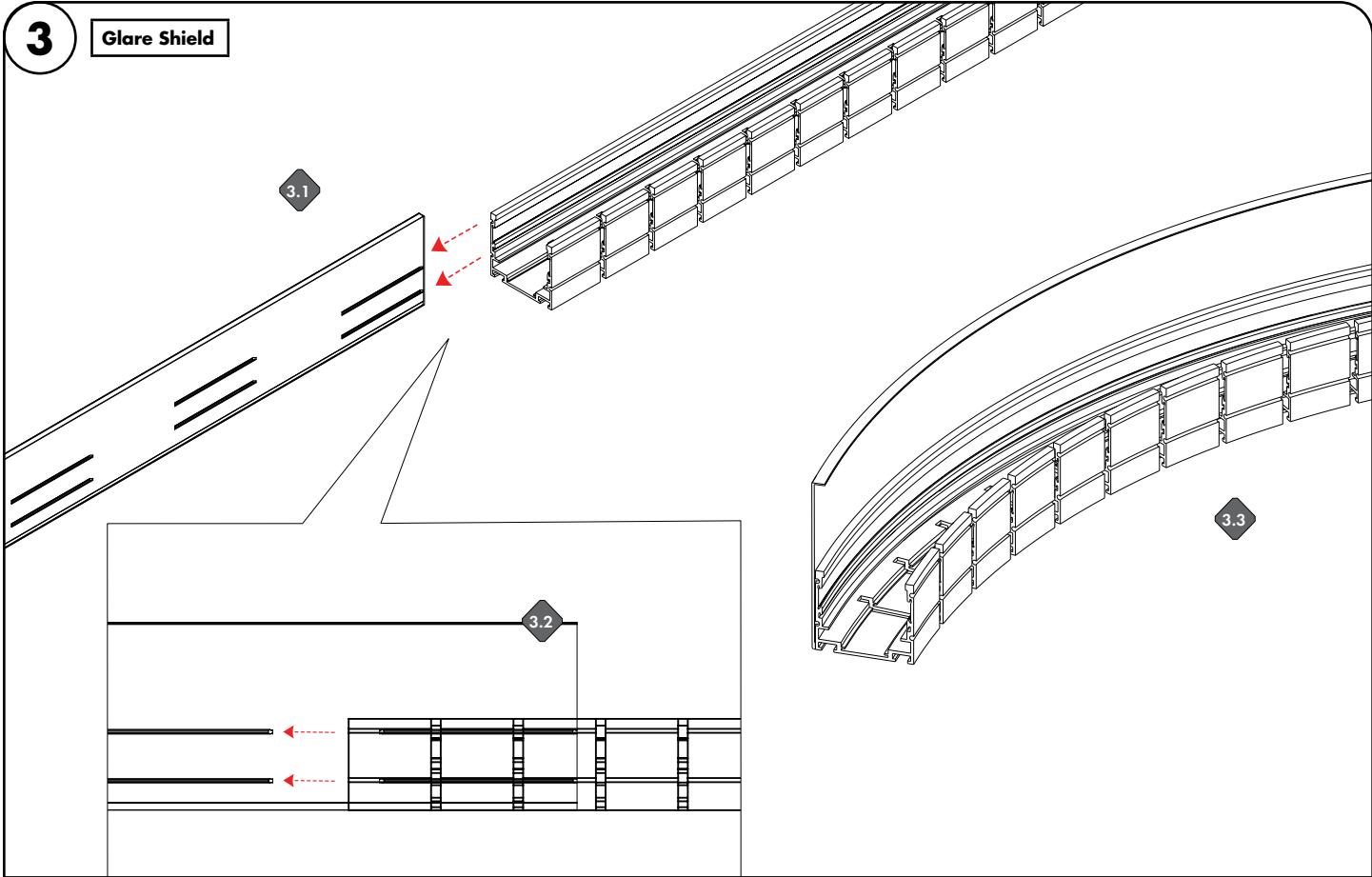
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3

Glare Shield



3.1 Fit the profile into the slots of the shield and push the profile forward.

3.2 Min. Bending Diameter 24" the glare shield must be installed with the bendable profile first in order to shape together.

3.3 If using the glare shield with a horizontal bending mounting channel, you must install the glare shield before bending the mounting channel.
Please note, the glare shield is NOT compatible with the vertical bending mounting channel.

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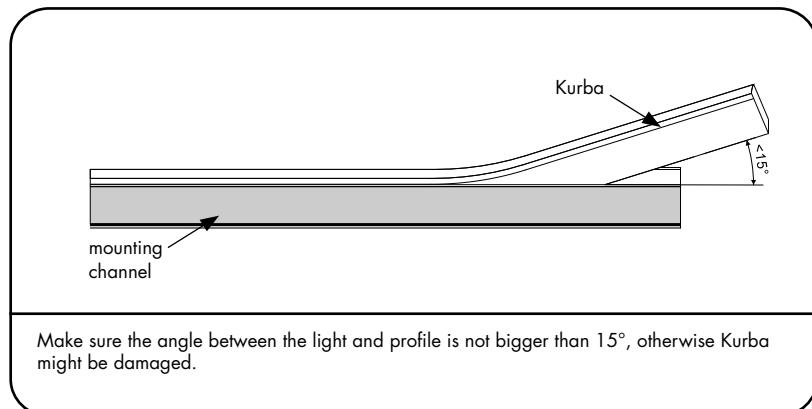


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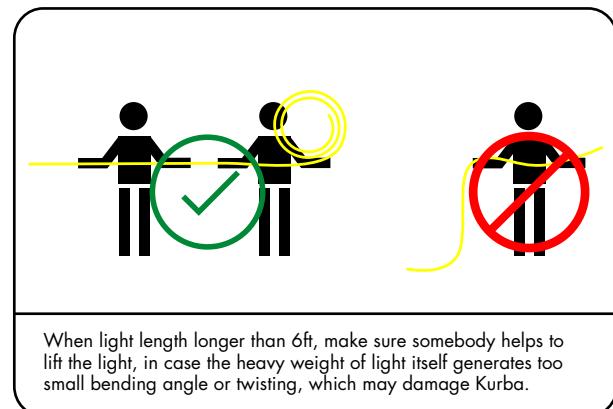
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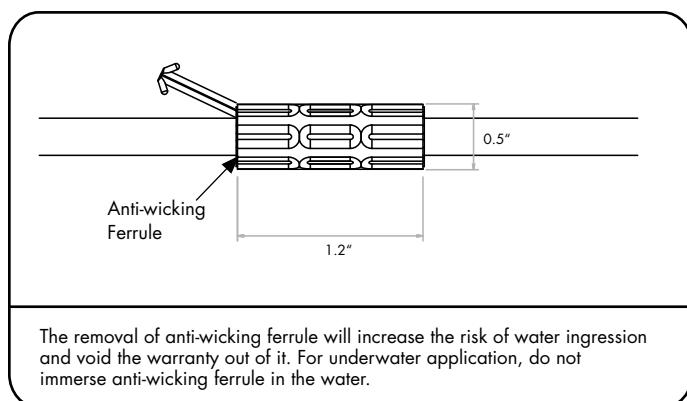
CAUTION: Reference to below when installing Kurba



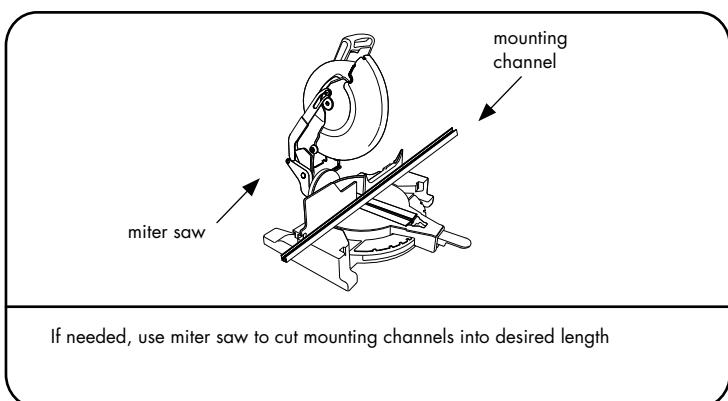
Make sure the angle between the light and profile is not bigger than 15°, otherwise Kurba might be damaged.



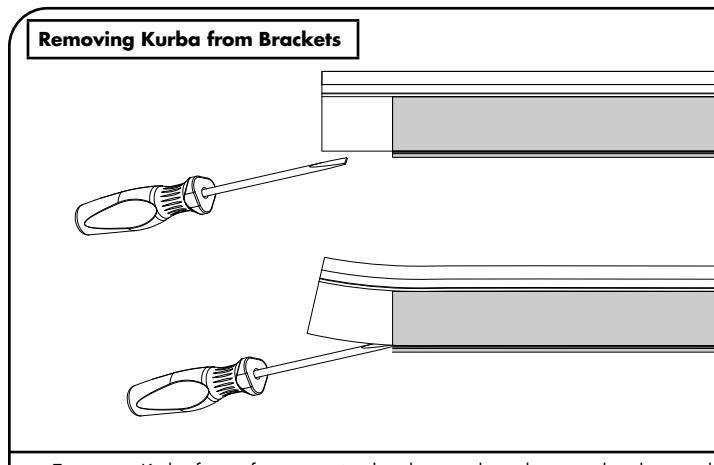
When light length longer than 6ft, make sure somebody helps to lift the light, in case the heavy weight of light itself generates too small bending angle or twisting, which may damage Kurba.



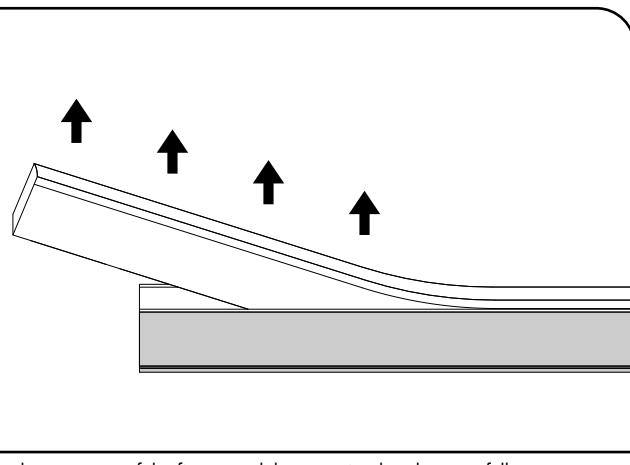
The removal of anti-wicking ferrule will increase the risk of water ingestion and void the warranty out of it. For underwater application, do not immerse anti-wicking ferrule in the water.



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



Removing Kurba from Brackets
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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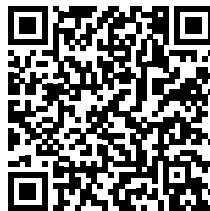
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Power Supply Wiring Diagram

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



Static White
[Wiring Diagram PDF](#)



RGB/RGBW
[Wiring Diagram PDF](#)



Pixel
[Wiring Diagram PDF](#)



Tunable White
[Wiring Diagram PDF](#)