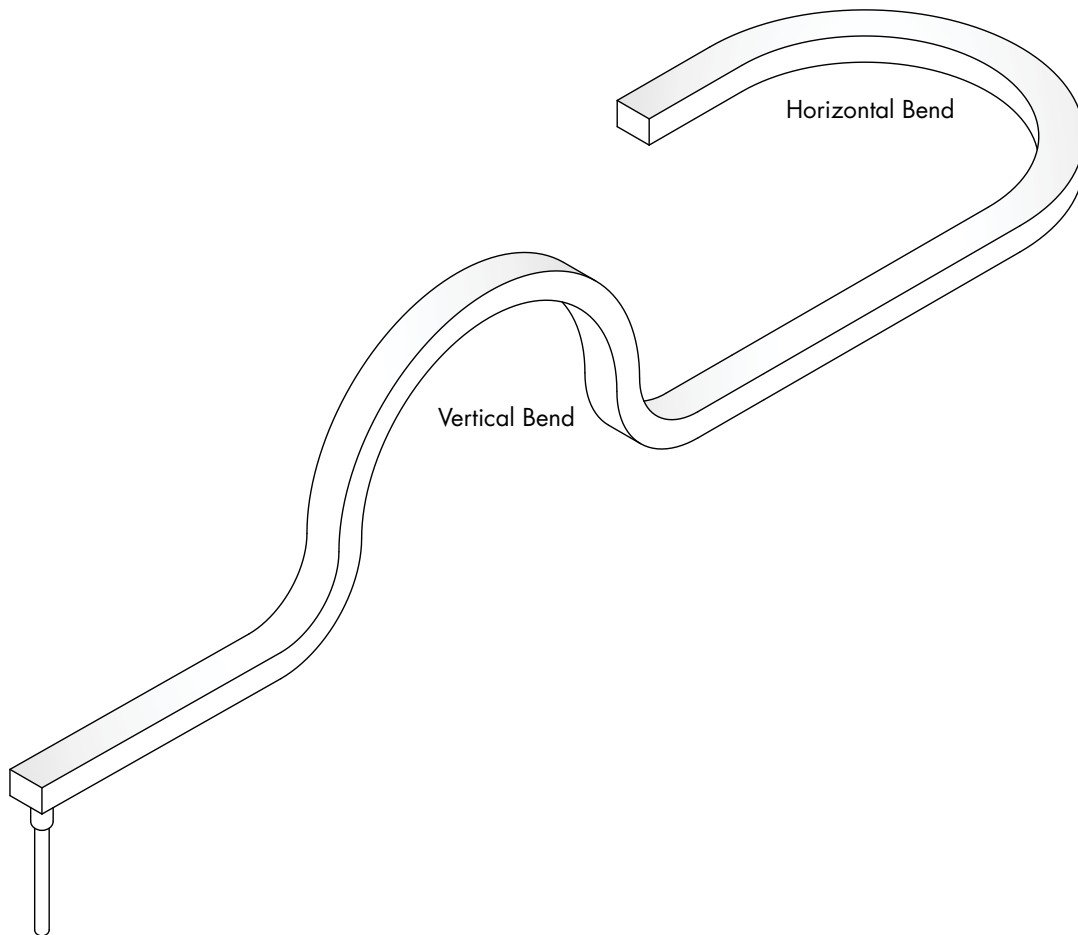# Installation Instructions - Kurba Large 3D Bending

Models KBL-W-3D

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

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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Horizontal Bend

Vertical Bend

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CAUTION: Reference to below before installing Kurba

When unpacking Kurba, carefully pull it out of the packaging box.
Note: Incorrect unpacking may cause PCB fracture or damage on electronic components, and lead to the failure of light. Gloves are recommended in third step.

Do not pull the cable, otherwise it may disable the function of the connector and lead to water ingression. It's recommended to keep the first 2.5 inches of the cable straight and without tension.

	Horizontal Bend	**Vertical Bend**

Horizontal Bend

CAN Bend LED in these positions to avoid damage

LED surface (gray color) → minimum diameter

Product Name	Minimum Diameter	
	Horizontal	Vertical
Kurba 3D	12in	12in

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

LED surface (gray color)

Twisting Kurba will cause damage to the LED

Do not make sharp bends near the endcap

Bending in the same direction as the LED will cause damage to the LED

Vertical Bend

CAN Bend LED in these positions to avoid damage

minimum diameter

LED surface (gray color)

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

LED surface (gray color)

Twisting Kurba will cause damage to the LED

Do not make sharp bends near the endcap

Bending in the same direction as the LED will cause damage to the LED

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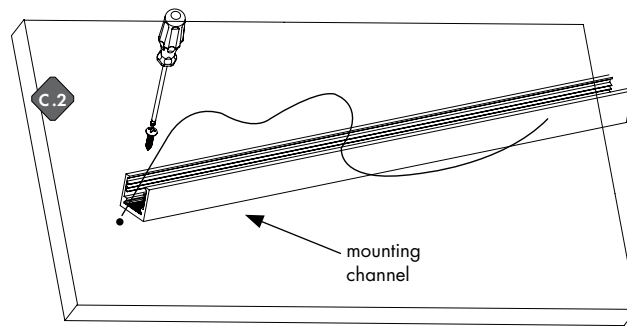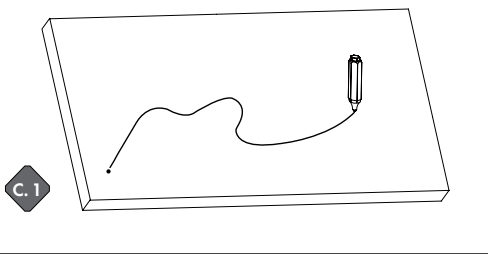
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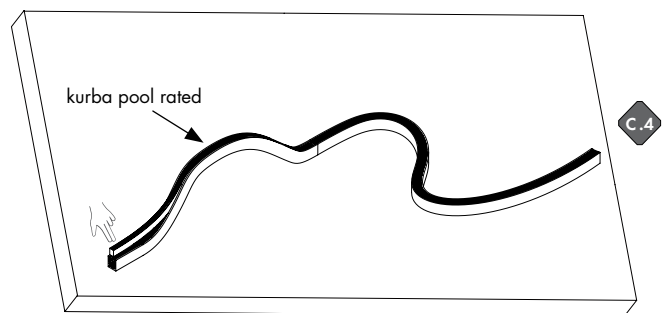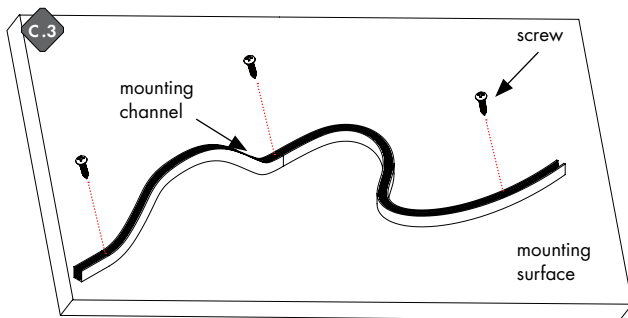
5. NO ADHESIVE ALLOWED TO AFFIX THE PRODUCT

NOTE: All straight mounting channels listed below should refer to this step during the installation.

Mounting Channel, Bendable Anole Profile

grip inwards →

← grip outwards

C.1

C.2

mounting
channel

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

screw

mounting
channel

mounting
surface

kurba pool rated

C.4

C.3   Secure the channel with screws

C.4   Insert kurba to mounting channel.

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2

Kurba

<15°

mounting channel

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.

0.5"

Anti-wicking Ferrule

1.2"

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

3

3.1 Connect +24 VDC red wire from the Kurba to the power supply +24 VDC red wire.
Connect -24 VDC black wire from the Kurba to power supply -24 VDC black wire.

3.1

class II power supply

120 VAC   24 VDC   to Kurba

+24 VDC RED
-24 VDC BLACK
+24 VDC RED
-24 VDC BLACK

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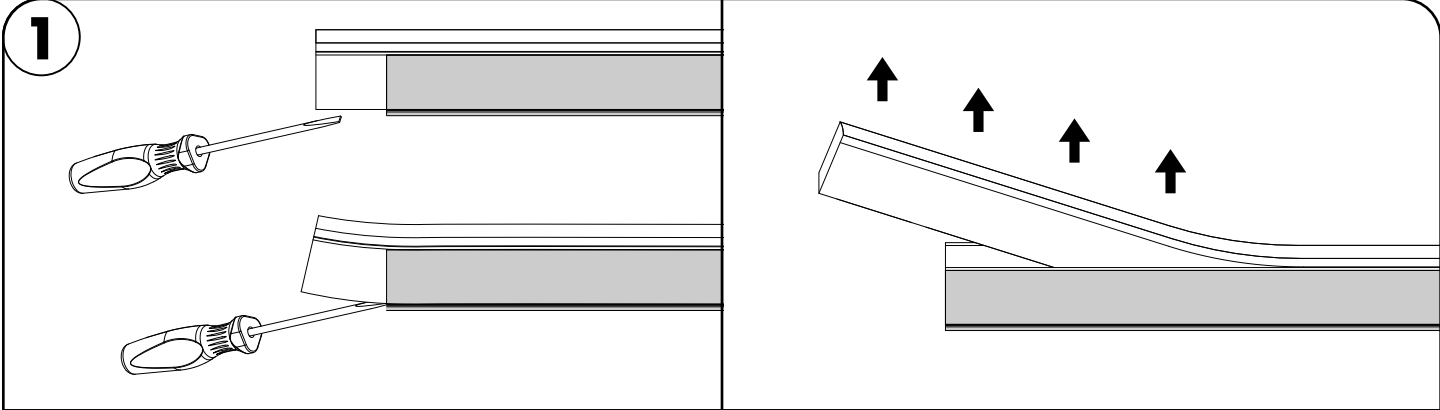**5.** NO ADHESIVE ALLOWED TO AFFIX THE PRODUCT

Removing Kurba from Mounting Brackets

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 Fixtrure. 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.