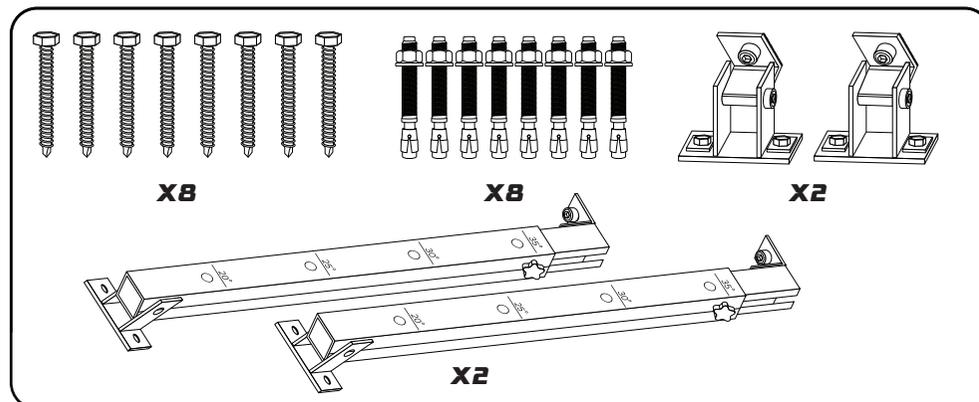
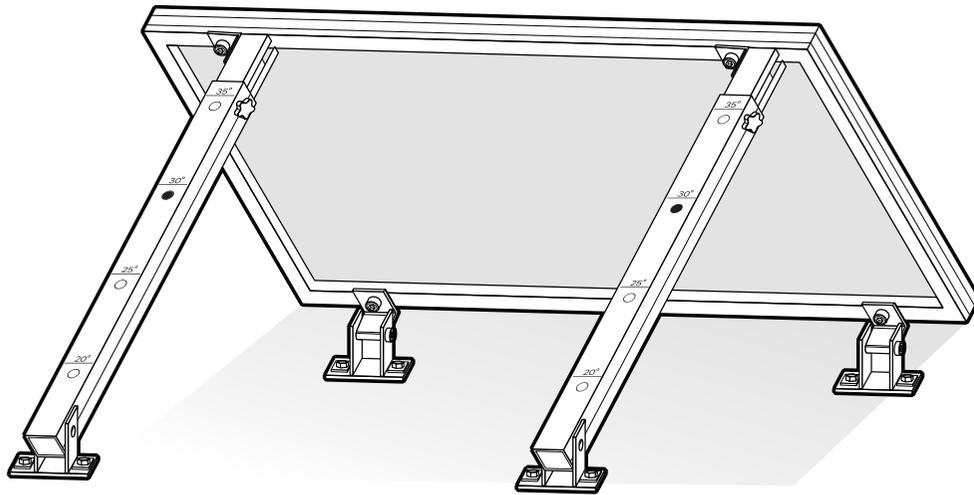


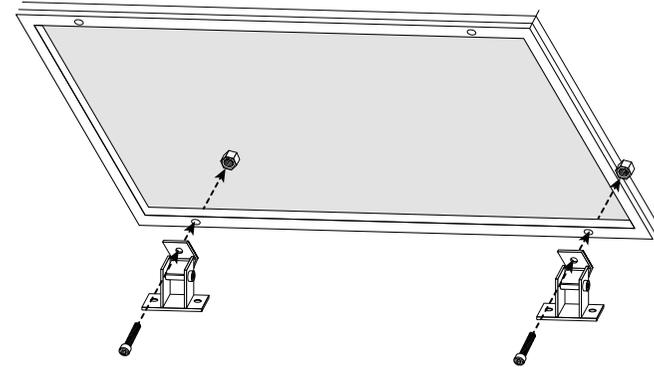
# LUMETEC

## BALCONY SOLAR MOUNTING SYSTEM

### INSTRUCTION MANUAL

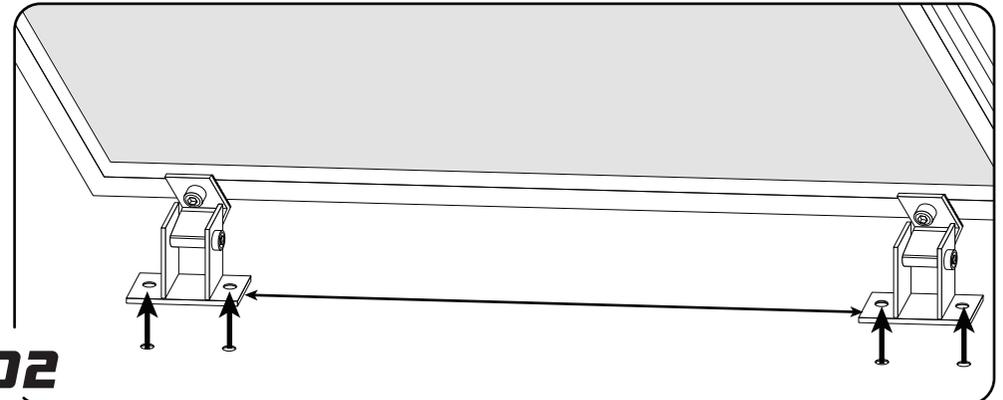


**01**



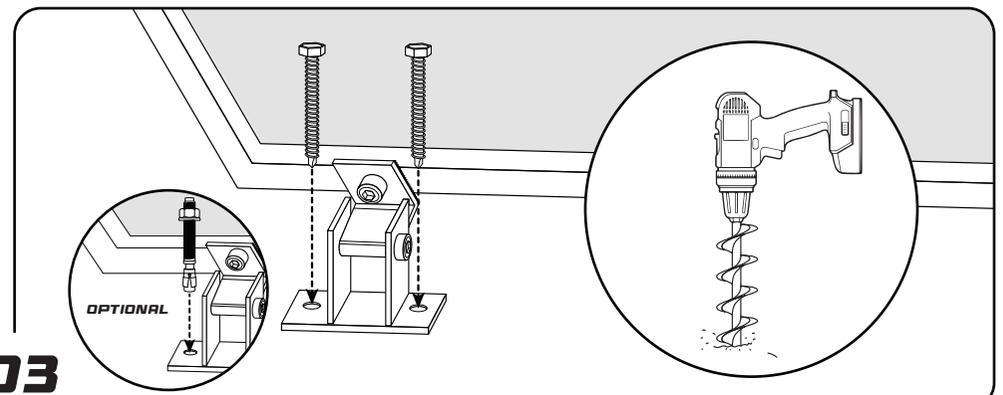
**Step 1: Attach Solar Panel to Front Legs:** Align panel with front legs. Secure using provided screws and Allen keys. Snug fit only - avoid over-tightening.

**02**



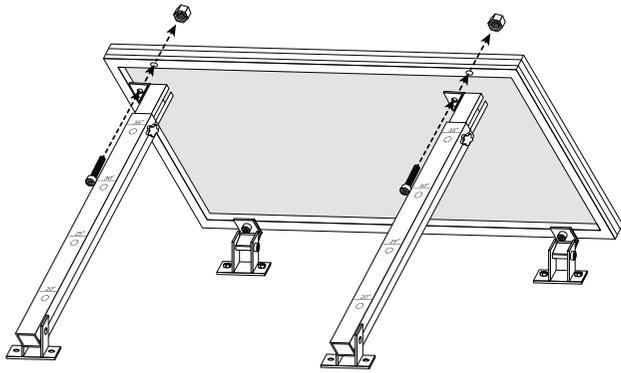
**Step 2: Measure and Mark Positions:** Measure the required distance between legs as per specifications. Mark exact installation points on the ground.

**03**

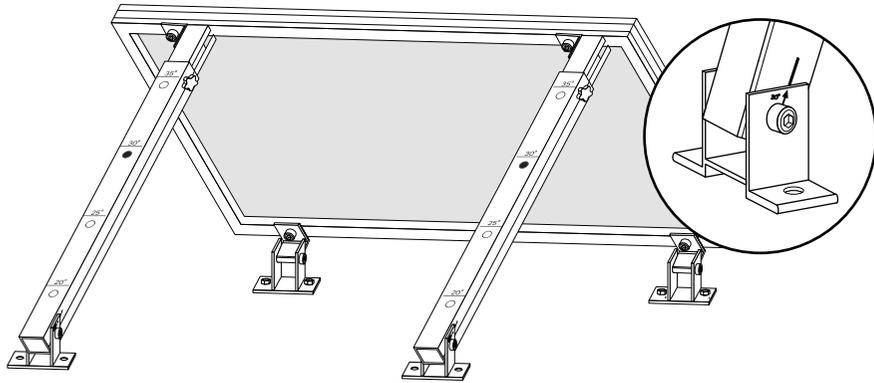


**Step 3: Install Front Legs:** Drill holes at marked positions. Insert anchors and secure both front legs. Ensure legs are vertical.

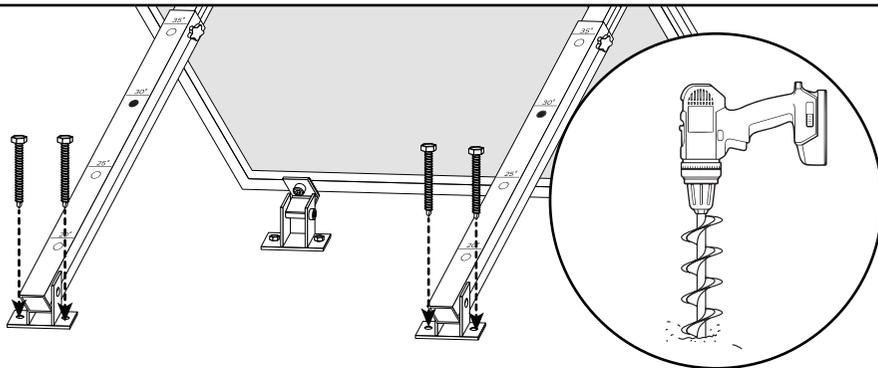
**Optional:** The legs can be installed optionally using anchors and bolts for added stability.

**04**

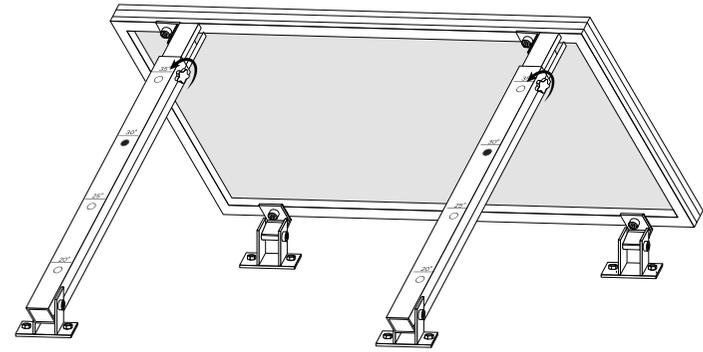
**Step 4: Attach Solar Panel to Back Legs:** Secure panel to back legs using screws/Allen keys. Set back legs at 30-degree angle (first position).

**05**

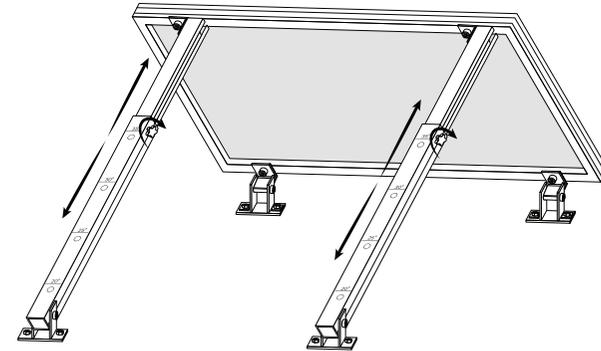
**Step 5: Install Back Legs:** Drill holes, insert anchors, and secure both back legs. Confirm all connections are tight. It will create 30 degree angle at first position.

**06**

**Step 6: Secure Back Legs:** Drill holes and install the back legs on the ground. Secure them with anchors. Repeat for the second back leg.

**07**

**Adjust Second Leg Angle:** Loosen thumb screw to unlock. Adjust angle as needed, then firmly retighten screw.

**08**

**Step 8: Adjust Final Angle:** Adjust the back angle to your desired position. Tighten all screws when complete.

## SAFETY AND WARNING NOTES:

### Personal Protection:

Always wear ANSI-approved safety goggles and work gloves. Use ear protection when operating power tools. Wear sturdy, closed-toe shoes with slip-resistant soles

### Tool Safety:

Verify all power tools are in good working condition. Use only manufacturer-recommended drill bits and anchors. Ensure proper torque settings (8-10 Nm) for all fasteners

### Panel Handling:

Minimum two-person lift required for solar panel installation. Never lift panel by glass surfaces - only handle by the frame edges. Use protective padding when placing panel on surfaces

### Electrical Safety:

Ensure all electrical connections are properly insulated. Verify grounding of all metal components. Do not install during wet conditions or thunderstorms

### Structural Safety:

Check for underground utilities before drilling. Verify all anchors are properly secured.