



Instructions by Monster Shop (UK)

Composite Fencing with LED Posts

214896-214901/214955

Product Information

Composite Fencing with LED Posts

Description

Enhance your outdoor space with our composite fencing featuring integrated solar-powered LED lighting. Designed for both durability and style, this fencing combines the strength and low maintenance of composite materials with energy-efficient lighting that automatically activates at dusk. The discreetly embedded LEDs in each post provide ambient illumination, improving safety and visibility while adding a modern touch to your garden or property.

Product specifications

	Dimensions	Colour
214896	1750x20x1850mm (Including Post)	Grey
214897	1000x20x1850*1050mm (Including Grey Posts)	
214898	1750x20x1850mm (Including Post)	Brown
214900	1000x20x1850*1050mm (Including Brown Posts)	
214901	70*70*1850mm	Anthracite

SKU

214896-214898, 214900-214901

Safety Advice

Please read through the Safe Working Practice to ensure prevention of injury or damage to the device.



- Ensure you have read and fully understood the instruction manual and safety advice before using this product.
- Only install the fence on stable, level ground to ensure structural integrity and prevent leaning or collapse.
- Ensure all posts are securely anchored according to the manufacturer's recommendations to maintain stability in adverse weather conditions.
- When installing LED strips, follow the provided instructions carefully to avoid electrical faults or improper connections.
- Ensure LED strips and their wiring are fully enclosed in waterproof and weather-resistant casings to prevent water damage and electrical hazards.
- Regularly inspect LED strips, solar panels, and wiring for any signs of damage, water ingress, or wear, and replace faulty components immediately.
- Do not modify or extend the LED wiring beyond the manufacturer's specifications, as this may cause electrical failures or safety hazards.
- Ensure the solar panel is installed in a location where it receives adequate sunlight for optimal charging and performance.
- Keep solar panel surfaces clean and free from debris to maintain efficient energy absorption and prevent overheating.
- Avoid placing the fence near high-heat sources, open flames, or combustible materials to reduce fire risks.
- Ensure the LED lighting does not produce glare that could impair visibility or create a tripping hazard in low-light conditions.
- If the LED system fails or flickers inconsistently, disconnect the power and seek professional assistance to diagnose and repair the issue.
- Do not use excessive force when installing or adjusting LED strips to avoid damaging the lights or wiring.
- Regularly check the structural integrity of the fence, especially after severe weather conditions, to ensure ongoing stability and safety.
- If the fence panels become damaged, replace them promptly to prevent instability and potential injury.
- Do not climb, lean heavily against, or place excessive weight on the fence, as this may compromise its structural integrity.
- Keep all electrical components, including wiring and connectors, out of reach of children and pets to prevent accidental tampering.
- If the fence is installed in an area with frequent rain or high humidity, take extra precautions to ensure all electrical components remain dry and functional.
- Dispose of damaged or faulty LED components responsibly and in accordance with local electronic waste disposal regulations.
- If unsure about any aspect of installation or maintenance, consult a qualified professional to prevent safety risks.

Monster Group UK Limited's liability will be limited to the commercial value of the product only. Please visit <https://monstershop.co.uk/policies/terms-of-service> to see the full terms and conditions.



Parts

Corner Fence Part A -
Aluminium LED Fence Posts

1 piece(s)



Corner Fence Part B - Fence
Post Base

1 piece(s)



Corner Fence Part C - Floor
Anchoring Bolts

4 piece(s)



Corner Fence Part D -
M4x45mm Screw

4 piece(s)



Corner Fence Part E - Fence
Slats

5 piece(s)



Corner Fence Part E1 - Top
Fence Slat

1 piece(s)



Corner Fence Part E2 - Second
Fence Slat

1 piece(s)



Corner Fence Part E3 - Third
Fence Slat

1 piece(s)



Corner Fence Part E4 - Fourth
Slat

1 piece(s)



Corner Fence Part F - Fence Slat
Topper

1 piece(s)



Corner Fence Part G - Fence
Post Topper

1 piece(s)



Fence Part A - Aluminium LED
Fence Post

2 piece(s)



Fence Part B - Fence Post Base

2 piece(s)



Fence Part C - Floor Anchoring
Bolt

8 piece(s)



Fence Part D - M8x45mm Screw

8 piece(s)



Fence Part E - Fence Slats

9 piece(s)



Fence Part F - Fence Slat Topper

1 piece(s)



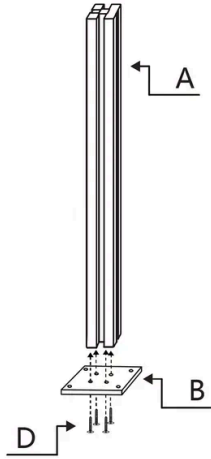
Fence Part G - Fence Post
Topper

2 piece(s)



Fence Assembly

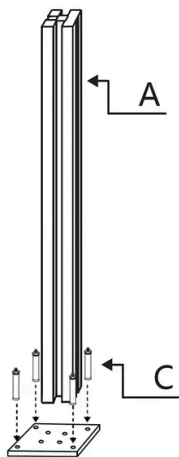
1. Post Assembly and Securing



To begin the assembly of the composite fencing system, follow these steps:

- Secure the **Fence Post Base (Part B)** to the ground using the appropriate anchoring method.
- Align the **Aluminium LED Fence Post (Part A)** with the **Fence Post Base (Part B)**.
- Attach the post to the base using the **M4x45mm Screws (Part D)**, ensuring all screws are tightened securely.

2. Post Installation and Securing

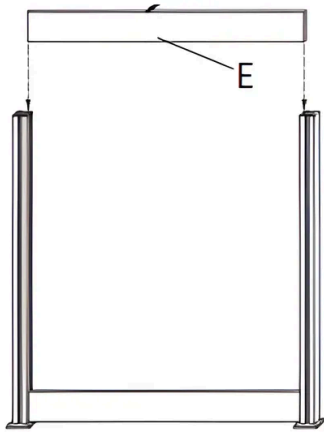


To install the Aluminium LED Fence Posts, follow these steps:

- Position the **Corner Fence Part A - Aluminium LED Fence Posts** onto the **Corner Fence Part B - Fence Post Base**.
- Secure the posts by inserting and tightening the **Corner Fence Part C - Floor Anchoring Bolts** into the designated holes on the base.



3. Slat Positioning and Spacing

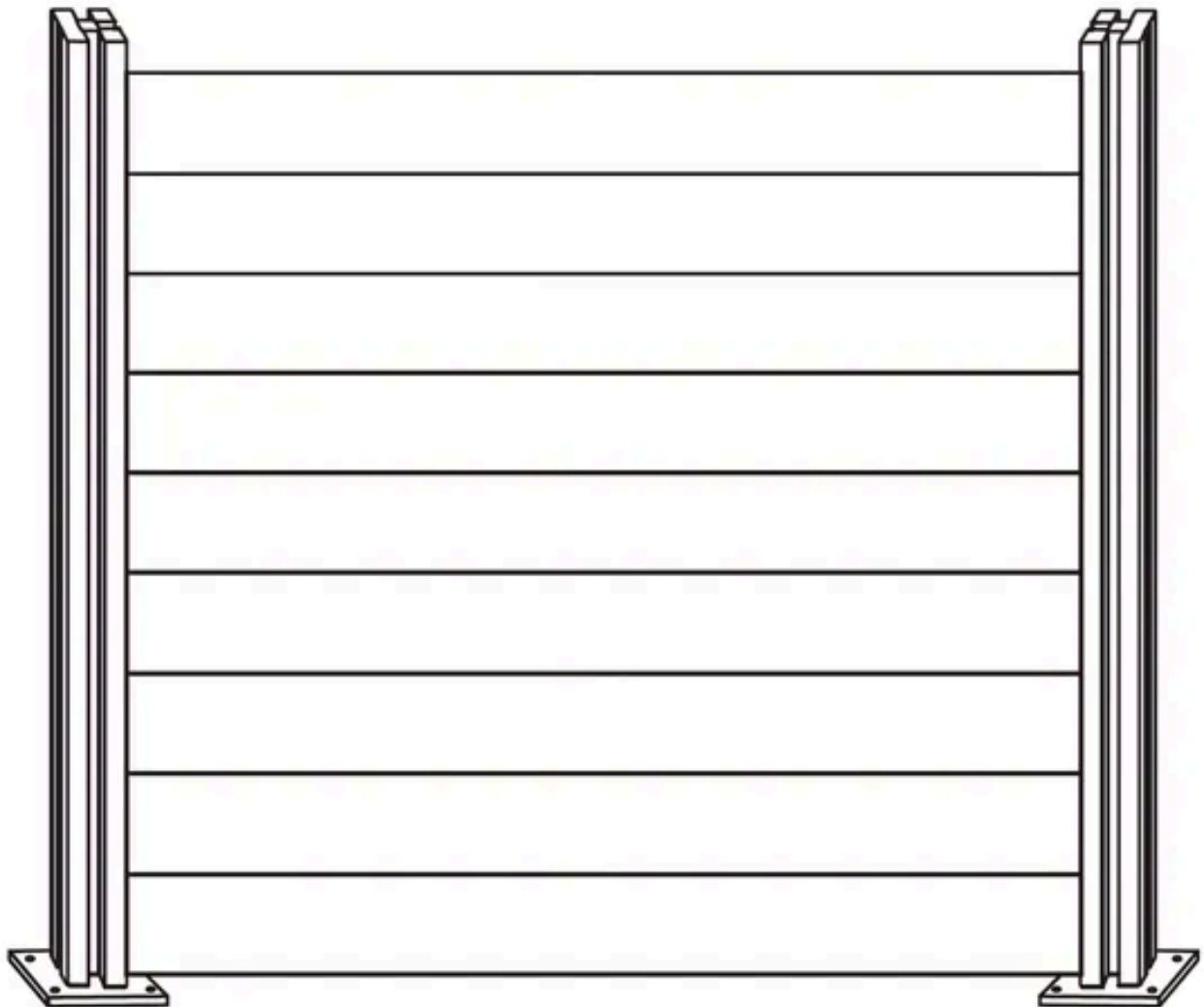


To insert the fence slats, follow these steps:

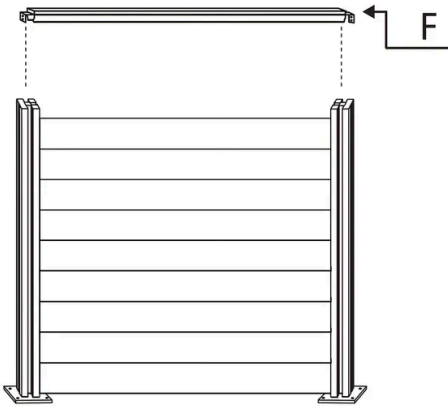
- Align the **Fence Slats (Part E)** between the installed **Aluminium LED Fence Posts (Part A)**.
- Ensure the slats fit securely into the grooves of the posts.
- Repeat the process for each slat, maintaining alignment and spacing.



Step 4 of 8



5. Topper Alignment and Securing

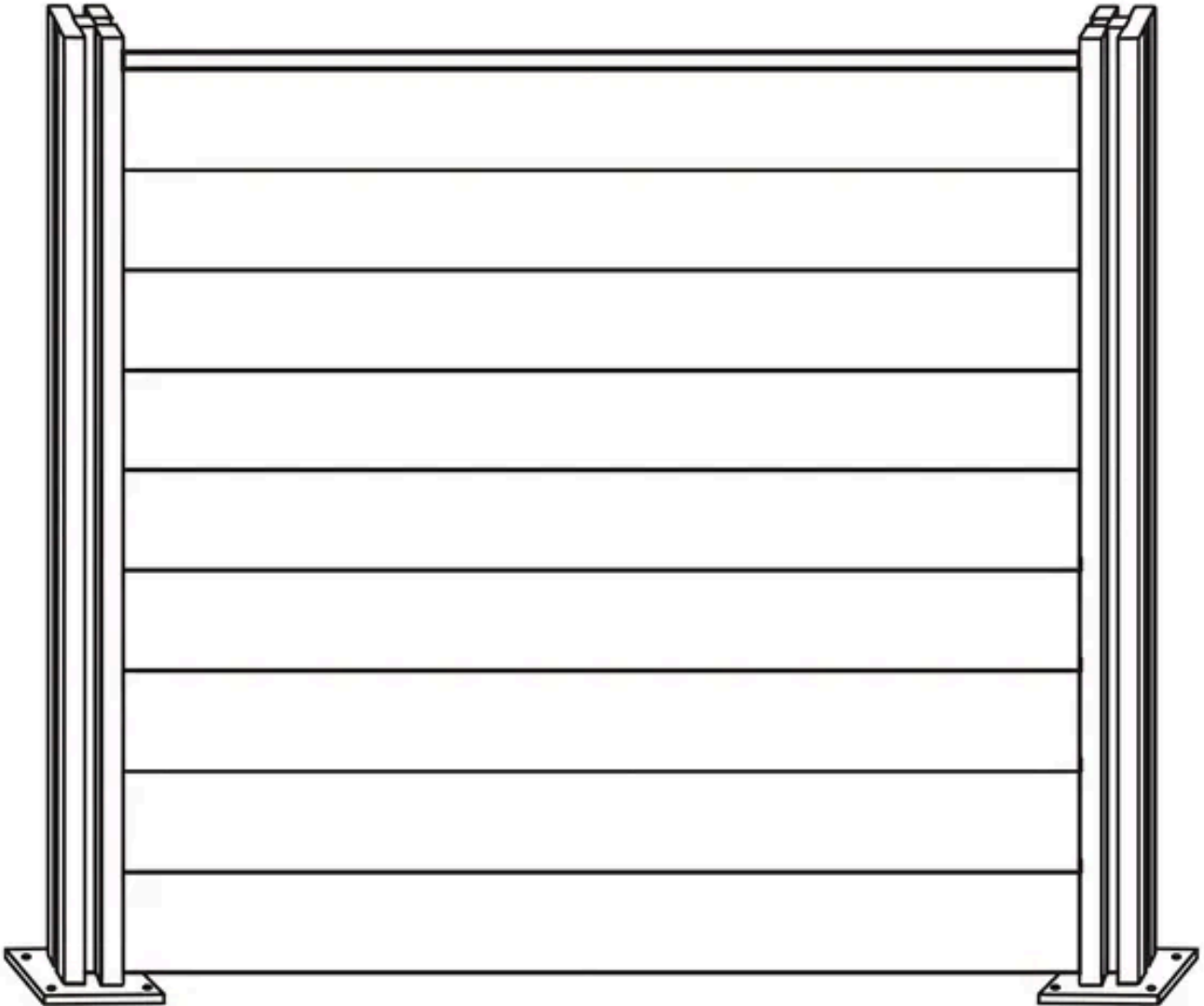


To install the fence slat topper, follow these steps:

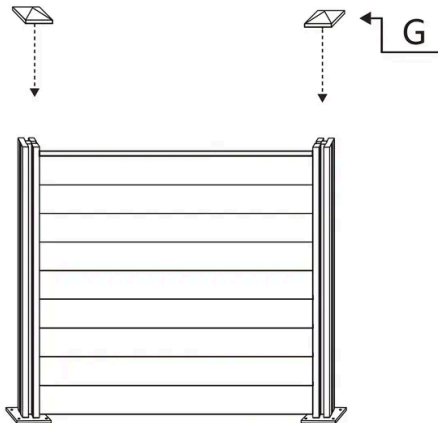
- Align the **Fence Slat Topper (Part F)** above the installed fence slats.
- Ensure the topper fits securely into the grooves of the **Aluminium LED Fence Posts (Part A)**.
- Press down gently to secure the topper in place, ensuring it is aligned properly with the posts.



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7. Topper Placement and Stabilization

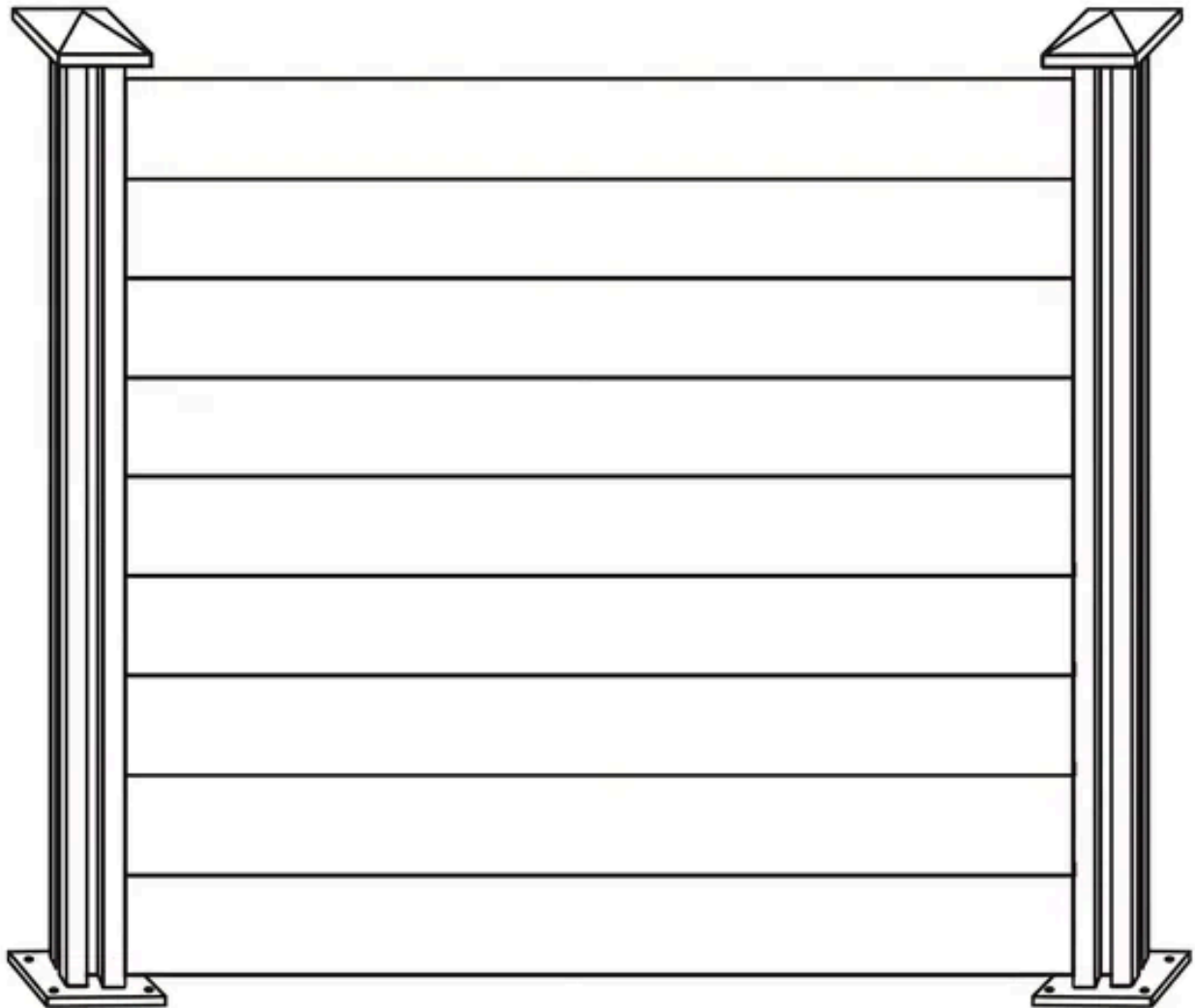


To install the fence post toppers, follow these steps:

- Align the **Fence Post Topper (Part G)** above each **Aluminium LED Fence Post (Part A)**.
- Ensure each topper fits securely onto the top of the posts.
- Press down gently to secure the toppers in place, ensuring proper alignment with the posts.



Step 8 of 8

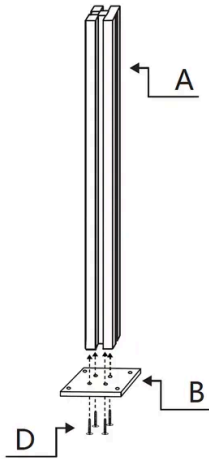


Corner Fence Assembly

Step 1 of 9

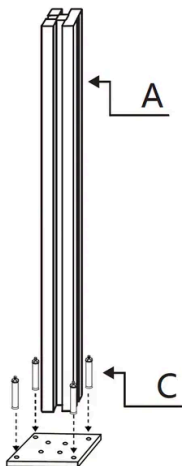
We recommend using a strong adhesive to attach the LED strips to the Aluminium posts.

2. Post Assembly and Alignment



Attach the **Corner Fence Part A - Aluminium LED Fence Posts** to the **Corner Fence Part B - Fence Post Base** using the **Corner Fence Part D - M4x45mm Screws**. Ensure the post is aligned correctly with the base and securely fasten the screws to hold the post in place.

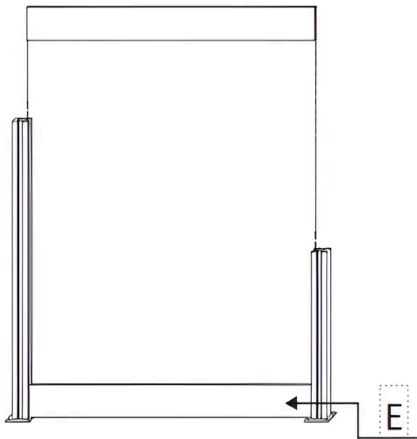
3. Post Stabilization and Ground Anchoring



Secure the **Corner Fence Part A - Aluminium LED Fence Posts** to the ground by inserting the **Corner Fence Part C - Floor Anchoring Bolts** through the base holes and into the ground. Ensure the posts are stable and properly aligned.

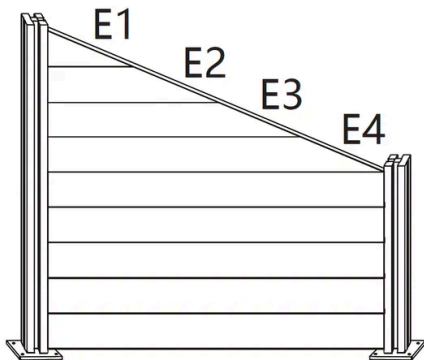


4. Fence Slat Insertion and Alignment



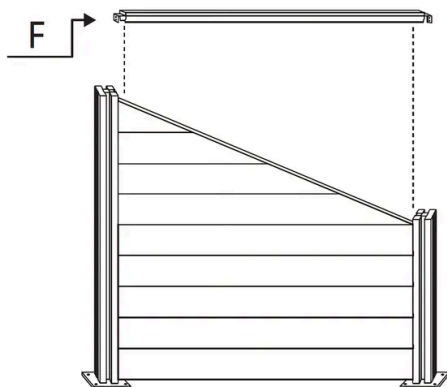
Insert the **Corner Fence Part E - Fence Slats** between the two **Corner Fence Part A - Aluminium LED Fence Posts**. Ensure the slats are properly aligned and securely fit into the grooves of the posts.

5. Slat Installation and Alignment



Install the **Corner Fence Part E1 - Top Fence Slat**, **Corner Fence Part E2 - Second Fence Slat**, **Corner Fence Part E3 - Third Fence Slat**, and **Corner Fence Part E4 - Fourth Slat** between the two **Corner Fence Part A - Aluminium LED Fence Posts**. Ensure each slat is properly aligned and securely fits into the grooves of the posts, creating a stepped design.

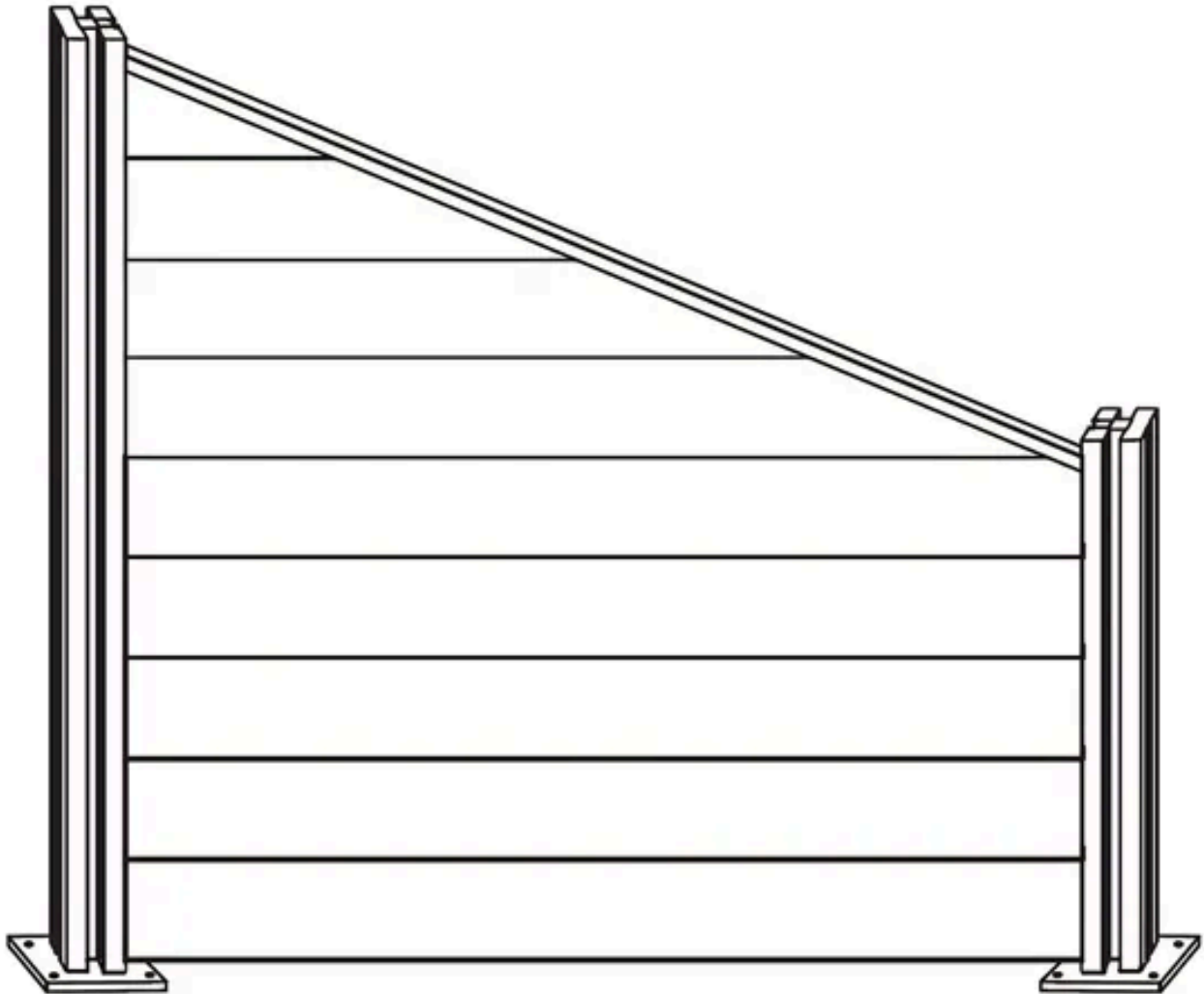
6. Topper Alignment and Installation



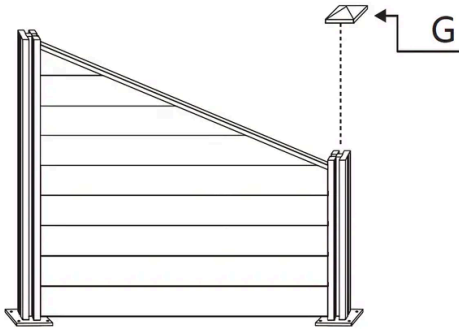
Install the **Corner Fence Part F - Fence Slat Topper** by aligning it with the top of the installed fence slats. Ensure it fits securely across the top, completing the stepped design of the fence.



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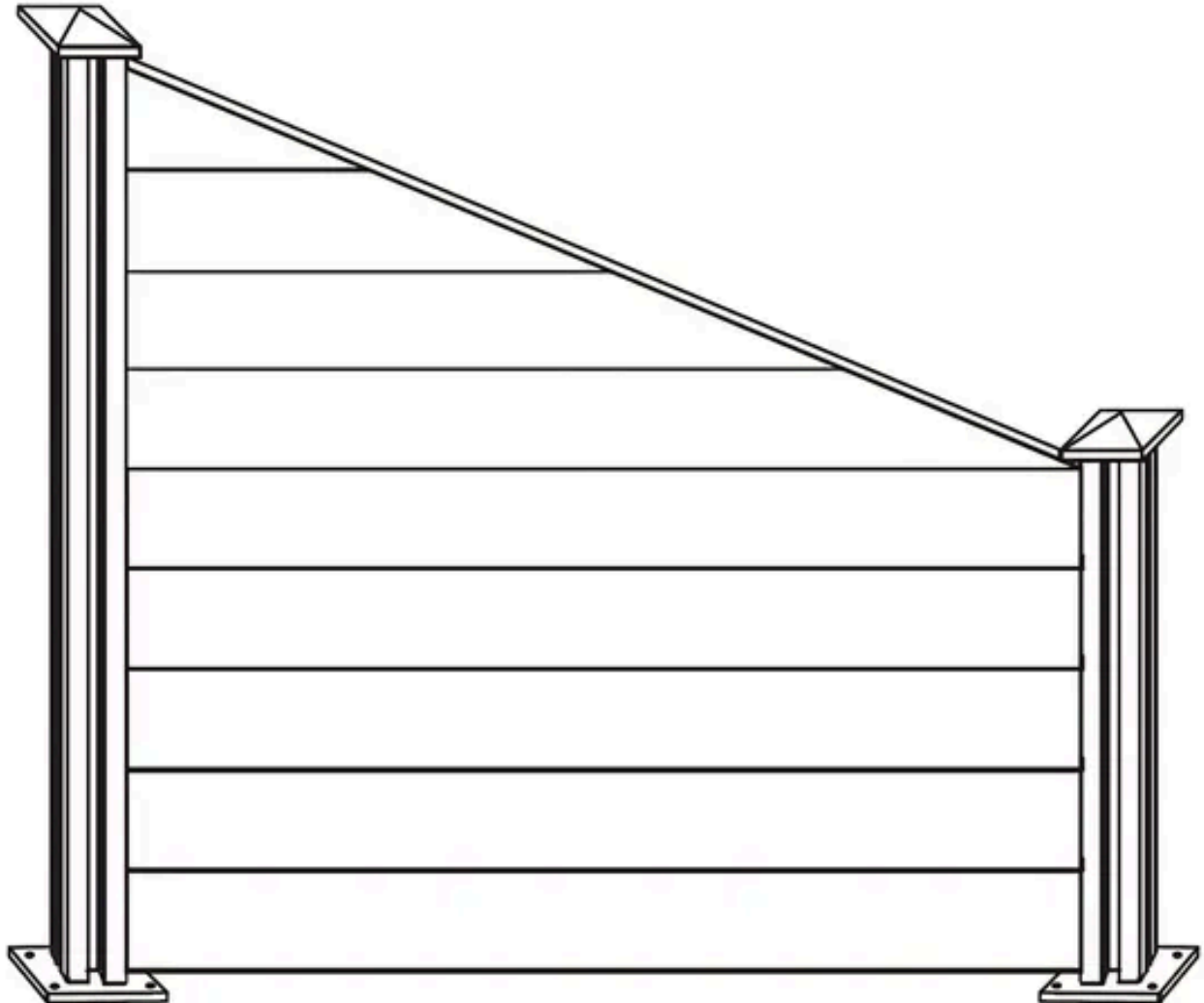
8. Topper Installation and Securing



Install the **Corner Fence Part G - Fence Post Topper** by aligning it with the top of the **Corner Fence Part A - Aluminium LED Fence Posts**. Ensure it is securely placed to complete the assembly of the fence structure.



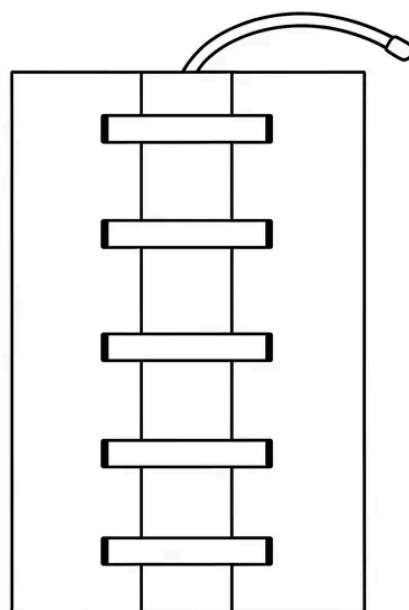
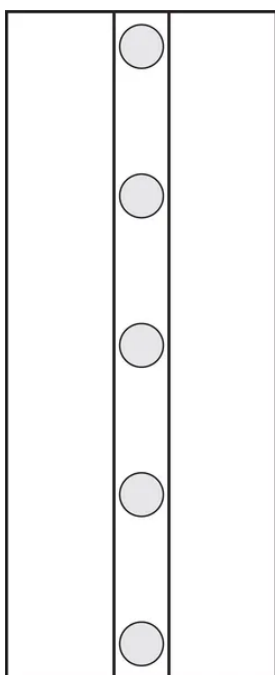
Step 9 of 9



LED Post Assembly

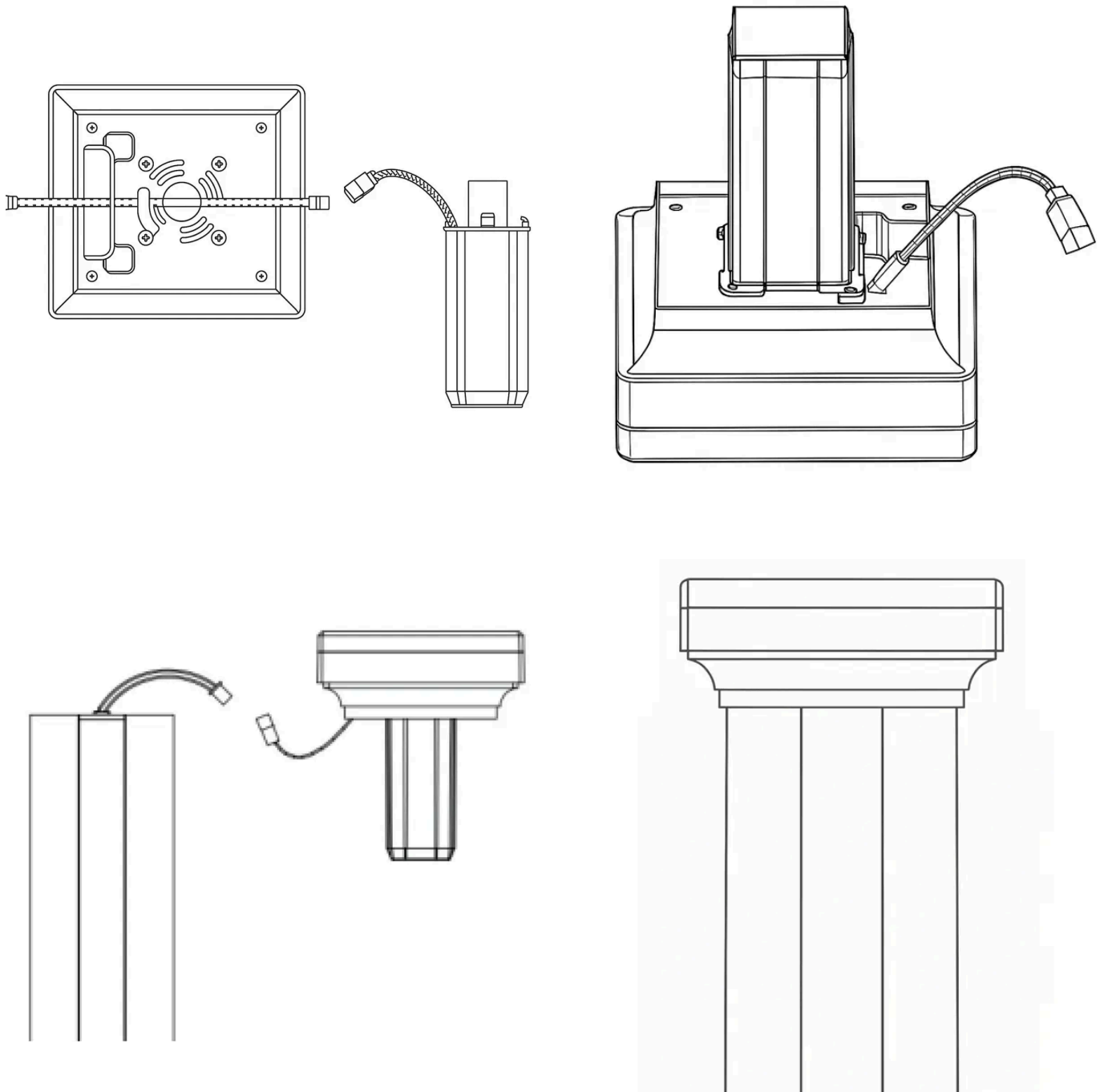
1. Install with Glue

1. You can apply a layer of glue inside the groove of post, or put glue on the groove of the post in at least 5 points before inserting the LED strip light.
2. To ensure the LED strip remains securely in place, please use tape to fix at least 5 points (the tape can be removed after 24 hours). You can skip this step if the LED strip is securely installed and won't come out.



2. Solar Post Cap (Light) Installation

1. Connect the post cap to the battery with connectors;
2. Align the battery box with the hole on the post cap and rotate it counterclockwise to install. Please note that all wires must be inserted into the battery box to avoid damaging the wires during rotation;
3. Connect the post cap to the LED strip with connectors;
4. Insert the post cap into the post.



3. Replacing the Battery

Follow the instructions below and replace with a new rechargeable 18650 3.7V 1800mAh lithium battery (18650 3.7V 1500mAh lithium battery for Solar post cap).

1. Remove the solar cap (light) from the post, disconnect the battery, replace with a new battery, then refer to the Solar Post Cap (Light) Installation above;
2. Please recycle the used battery or dispose of it properly according to local laws or regulations.
3. Do not puncture, short circuit or burn it in fire

4. Recharge Procedure

1. Remove the solar post cap (light) from the post, disconnect the post cap and LED strip light;
2. Double check the location of the solar panel to ensure it's in a clear location without any shading and always make it south facing;
3. Leave it to recharge for 3-5 sunny days at daytime, remember to turn off the light to terminate discharging of the battery;
4. After 3-5 days charging, battery may recover to normal working status;
5. If your light still does not work or just lighting for a short period of time after dark, change the old battery with a new 3.7V 1800mAh lithium battery;



Maintenance & Troubleshooting

1. Maintenance

- **Routine Cleaning:** Occasionally rinse the fencing with water to remove dust, pollen, or debris. For more thorough cleaning, use a soft brush and mild soapy water.
- **Avoid Harsh Chemicals:** Do not use bleach, strong solvents, or abrasive cleaners, as they may damage the surface finish.
- **Check LED Functionality:** Periodically inspect the solar LED lights to ensure they are free from dirt or obstructions that may block sunlight.
- **Snow and Ice:** If snow accumulates, gently remove it using a plastic shovel to avoid scratching the surface. Avoid using salt or chemical de-icers near the base.
- **Prevent Plant Overgrowth:** Trim nearby plants or vines to avoid contact that might cause staining or trap moisture.

2. Troubleshooting

- **WHAT DO I DO IF THERE ARE MISSING PARTS FROM MY ORDER?**

If there appears to be any part missing from your order, contact our friendly and helpful Customer Support Team within 7 days of receipt.

- **FOR ALL OTHER ISSUES, PLEASE CONTACT OUR CUSTOMER SUPPORT TEAM.**



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