

btfarm FL19

btfarm 4x4 Solar Post Cap Lights Outdoor Instruction Manual

Model: FL19

1. INTRODUCTION

Thank you for choosing btfarm 4x4 Solar Post Cap Lights. These lights are designed to provide efficient and aesthetically pleasing illumination for your outdoor spaces. Featuring two color modes (Warm White and Cool White) and 16 LEDs, they are suitable for various post sizes and built to withstand outdoor conditions.

2. PRODUCT FEATURES

- **Dual Color Modes:** Equipped with 16 LEDs, offering both Warm White and Cool White light options to suit your ambiance preference. The lampshade features a unique diamond pattern for enhanced light projection.
- **Versatile Sizing:** Designed to fit 4x4 inch and 3.5x3.5 inch wooden or vinyl posts. Includes necessary screw fittings and bases for adaptable installation.
- **Durable & Weatherproof:** Constructed with tough ABS material and rated IP64 waterproof, ensuring resilience against harsh heat, heavy rain, and snow. Protects posts from weather damage.
- **High Efficiency Solar Power:** Utilizes solar energy for power, featuring solar photovoltaic panels and 600 mAh rechargeable batteries. Charges in 6-8 hours of direct sunlight and provides 8-10 hours of illumination.
- **Easy Installation:** Comes with a removable base and mounting kit, requiring no wiring for quick setup.

3. PACKAGE CONTENTS

The btfarm 4x4 Solar Post Cap Lights package includes:

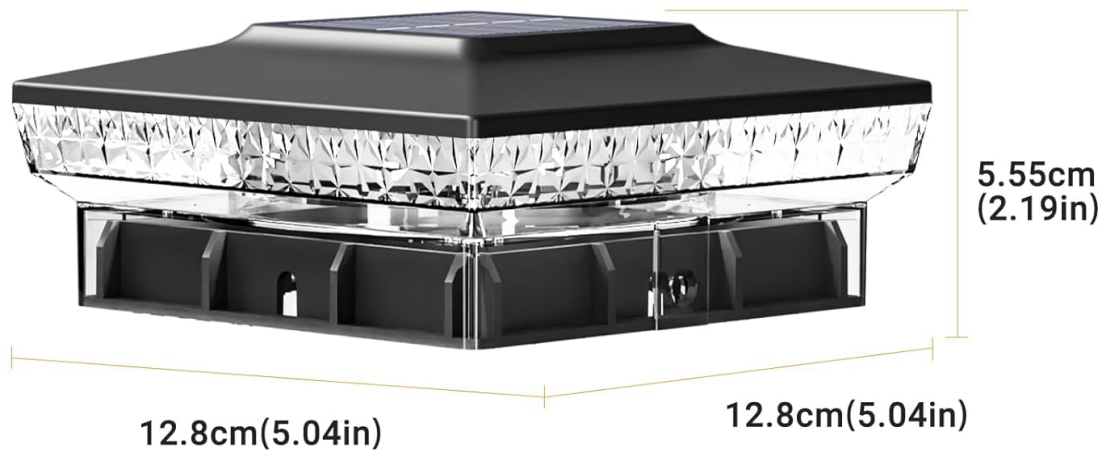
- 6 x btfarm Solar Post Cap Lights
- Mounting Screws
- Removable Bases (pre-installed or separate, depending on post size)
- Instruction Manual

4. SETUP AND INSTALLATION

Follow these steps for proper installation of your solar post cap lights:

1. **Unpack and Inspect:** Carefully remove all components from the packaging. Ensure all parts are present and undamaged.
2. **Select Location:** Choose a location for your post lights that receives 6-8 hours of direct sunlight daily to ensure optimal charging and performance.
3. **Adjust Base (if necessary):** The lights are designed to fit both 4x4 inch and 3.5x3.5 inch posts. If your post is 3.5x3.5 inches, the light can be directly screwed onto the post. For 4x4 inch posts, remove the bottom black inner frame from the light fixture before securing it.
4. **Mount the Light:** Place the light fixture on top of your post. Locate the small hole on the side of the base and use the provided screws to securely fasten the light to the post.
5. **Activate:** Ensure the light is switched to the 'ON' position. The light will automatically charge during the day and illuminate at dusk.

Applicable Size



3.5*3.5 Wood
(actual size 3.62*3.62)



3.5*3.5 Vinyl
(actual size 3.62*3.62)



4*4 Vinyl
(actual size 4.13*4.13)



4*4 Wood
(actual size 4.13*4.13)



Figure 1: Applicable Post Sizes (3.5x3.5 Wood/Vinyl, 4x4 Wood/Vinyl)

How to Install on Wooden/Vinyl Post Caps



Figure 2: Installation Guide for 3.5x3.5 and 4x4 Posts

Video 1: Official bfarm Installation and Feature Overview for 4x4 Solar Post Cap Lights Outdoor.

5. OPERATING INSTRUCTIONS

Your bfarm Solar Post Cap Lights are designed for simple, automatic operation:

- Automatic Operation:** Once installed and activated, the lights will automatically detect ambient light. They will charge during daylight hours and turn on automatically at dusk, providing illumination for 8-10 hours.
- Changing Color Modes:** The lights feature two color modes: Warm White and Cool White. A switch located on the underside of the light allows you to toggle between these modes. Select your preferred lighting effect before final installation or by carefully removing the light to access the switch.



Figure 3: Dual Color Modes (Warm White and Cool White)



Figure 4: Solar Charging (6-8 hours) and Illumination (8-10 hours)

6. MAINTENANCE

To ensure the longevity and optimal performance of your solar post cap lights, consider the following maintenance tips:

- **Clean Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures maximum sunlight absorption for efficient charging.
- **Battery Replacement:** The lights are equipped with rechargeable batteries. If you notice a significant decrease in illumination time, the battery may need replacement. Refer to the product components diagram for battery access.
- **Weather Protection:** While IP64 waterproof, extreme weather conditions (e.g., prolonged heavy snow accumulation) may temporarily affect performance. Ensure snow or ice is cleared from the solar panel.



Figure 5: IP64 Waterproof Design



Figure 6: Replaceable Battery Access

7. TROUBLESHOOTING

If your solar post cap lights are not functioning as expected, please refer to the following common issues and solutions:

- **Light Does Not Turn On at Night:**

- Ensure the light is in the 'ON' position.
- Verify the solar panel is receiving 6-8 hours of direct sunlight daily. Obstructions like tree branches or shadows can prevent full charging.
- Clean the solar panel surface to remove any dirt or debris.
- Check if the battery needs replacement.

- **Short Illumination Time:**

- Insufficient sunlight exposure during the day. Relocate the light to a sunnier spot if possible.
- Battery may be old or not holding a full charge. Consider replacing the rechargeable battery.
- Extreme temperatures can affect battery performance.

- **Light Flickers or is Dim:**

- Battery charge is low. Allow for a full day of charging.
- Battery may be nearing the end of its lifespan and needs replacement.

8. SPECIFICATIONS

Attribute	Detail
Brand	btfarm
Model Number	FL19
Color	Black
Material	Acrylonitrile Butadiene Styrene (ABS)
Light Source	16 LED
Light Color Modes	Warm White, Cool White
Power Source	Solar Powered
Battery Capacity	600 mAh (Rechargeable)
Charging Time	6-8 hours (direct sunlight)
Illumination Time	8-10 hours (fully charged)
Water Resistance	IP64 Waterproof
Dimensions (L x W x H)	4.99" x 5" x 2"
Applicable Post Sizes	4x4 inch, 3.5x3.5 inch (wooden/vinyl)
Item Weight	1.1 Kilograms (per 6-pack)

9. WARRANTY AND SUPPORT

btfarm is committed to providing high-quality lighting products. For any inquiries or support, please refer to the following:

- **Return Policy:** This product is eligible for a refund or replacement within 30 days of purchase.
- **Protection Plans:** Extended protection plans (3-Year and 4-Year) are available for purchase to cover your product beyond the standard return period.
- **Manufacturer:** Zhongshan Xunxiao Lighting Technology Co., Ltd.
- **Customer Service:** For further assistance, please visit the official btfarm store on Amazon or contact their customer support directly.