

GIGALUMI FXD-12

GIGALUMI FXD-12 Solar Pathway Lights User Manual

Model: FXD-12 | Brand: GIGALUMI

INTRODUCTION

Thank you for choosing GIGALUMI Solar Pathway Lights. This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your new solar lights. Please read these instructions carefully before installation and retain them for future reference.

These solar lights are designed to automatically charge during the day and illuminate your outdoor spaces at night, offering an energy-efficient and elegant lighting solution for gardens, pathways, patios, and driveways.

PACKAGE CONTENTS

Your GIGALUMI Solar Pathway Lights package includes:

- 12 x Solar Light Heads (with integrated solar panels and LED lights)
- 12 x Light Posts
- 12 x Ground Stakes
- 1 x User Manual

SPECIFICATIONS

Feature	Detail
Brand	GIGALUMI
Model Number	FXD-12
Color	Warm White
Material	Plastic

Power Source	Solar Powered
Light Source	LED
Voltage	1.2 Volts
Brightness	6 Lumen
Water Resistance Level	IP65 Waterproof
Item Dimensions (L x W x H)	3"L x 15"W x 3"H
Item Weight	680 Grams
Number of Items	12 Count

SETUP AND INSTALLATION

No additional tools, wiring, or power supply is needed for installation. Follow these simple steps:

- Unpack Components:** Carefully remove all solar light heads, posts, and ground stakes from the packaging.
- Activate the Light:** Open the top cover of each solar light head. Locate the ON/OFF switch and ensure it is in the "ON" position. The light may briefly illuminate if in a dark environment.
- Assemble the Light:** Connect the light head to the top of a light post. Then, attach the ground stake to the bottom of the light post. Ensure all connections are secure.
- Choose Location:** Select an outdoor location that receives at least 6-8 hours of direct sunlight daily. Avoid areas shaded by trees, buildings, or other obstructions, as this will affect charging efficiency. Ensure the location is away from other strong night light sources (e.g., streetlights) that might trigger the light sensor and prevent the solar lights from turning on.
- Install in Ground:** Gently push the assembled light (with the ground stake) into the soil. If the ground is too hard, loosen the soil first to prevent damage to the stake.

INSTALLATION INSTRUCTION&NOTICE



Figure 1: Assembly and Installation Steps



Figure 2: Optimal Placement for Solar Charging

OPERATING INSTRUCTIONS

GIGALUMI solar lights are designed for automatic operation:

- **Automatic Charging:** During the day, the integrated solar panel converts sunlight into electricity and stores it in the rechargeable battery. This process typically takes 6-8 hours for a full charge.
- **Automatic Illumination:** At dusk, the built-in light sensor detects the absence of light and automatically turns on the LED light. The lights will provide illumination for at least 8-10 hours on a full charge.
- **Automatic Shut-off:** At dawn, the light sensor detects the presence of light and automatically turns off the LED light, initiating the charging cycle again.



SOLAR OUTDOOR LIGHTS
Automatically charge during the day, then turn on automatically at night

Solar Panel: 2V 26ma		
Battery: 1.2V 150mAh AAA NI-MH	4 HOURS charging in sunlight	8 HOURS Lighting at night
Material: Corrosion Resistant ABS		
Color Temperature: 3000K		
Lightness: 2LM		

Figure 3: Solar Light Operation Cycle

MAINTENANCE

To ensure optimal performance and longevity of your GIGALUMI Solar Pathway Lights, follow these maintenance tips:

- **Clean Solar Panels:** Regularly wipe the solar panels with a soft, damp cloth to remove dirt, dust, leaves, or

snow. A clean panel ensures maximum sunlight absorption and efficient charging.

- **Clear Obstructions:** Periodically check that no new obstructions (e.g., growing plants, fallen branches) are shading the solar panels.
- **Battery Care:** The lights use 1.2V/1PC 100mAh AAA Ni-MH rechargeable batteries. While designed for long life, if you notice a significant decrease in lighting duration after prolonged use, the battery may need replacement. Refer to the troubleshooting section for guidance.
- **Weather Resistance:** These lights are IP65 waterproof, frost-resistant, heat-resistant, and UV-resistant. However, during extreme weather conditions (e.g., severe storms, heavy snow accumulation), it is advisable to temporarily store them indoors to prevent potential damage.



Figure 4: IP65 Waterproof and Weather Resistance

TROUBLESHOOTING

If your solar lights are not functioning as expected, please refer to the following table:

Problem	Solution
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The lights are not turning on in the evening.	• Ensure the switch is in the ON position. • Clean the solar panel to remove any dirt or debris. • Make sure there are no objects or shadows obstructing sunlight from reaching the solar panel. • Keep the lights away from any other direct light sources at night. • If applicable, toggle the switch back and forth several times. • If needed, reinstall or replace the battery using appropriate methods (e.g., unscrewing).
The nightly runtime is shorter than expected.	• Ensure the solar panel receives at least 6-8 hours of direct sunlight daily. • Clean the solar panel. • Check for any partial shading during the day. • Consider replacing the battery if it's old or not holding a charge.
The lights appear dim.	• Ensure the solar panel is clean and receiving full sunlight. • The battery might not be fully charged; allow for a full day of charging. • The battery may be nearing the end of its lifespan and require replacement.
The lights are flickering.	• Check battery connections; ensure they are secure. • The battery may be low on charge or faulty; try fully charging or replacing it. • Ensure no moisture has entered the light housing.

Problem	Solution
· The lights are not turning on in the evening. · The nightly runtime is shorter than expected. · The lights appear dim. · The lights are flickering.	· If applicable, ensure that the switch is in the ON position. · Clean the solar panel to remove any dirt or debris. · Make sure there are no objects or shadows obstructing sunlight from reaching the solar panel. · Keep the lights away from any other direct light sources. · If applicable, toggle the switch back and forth several times. · If applicable, place the light bulb facing upwards and gently tap it on a tabletop. · If needed, reinstall or replace the battery using appropriate methods (e.g., unscrewing).

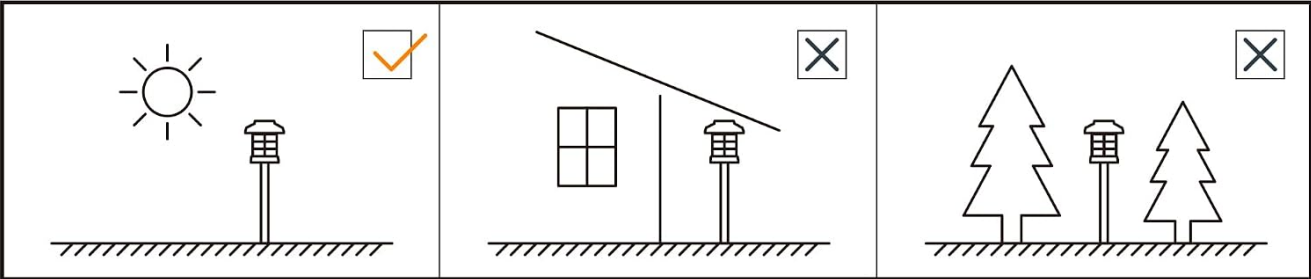


Figure 5: Common Troubleshooting Steps

WARRANTY AND SUPPORT

GIGALUMI provides a 6-month manufacturer's warranty for this product. For any questions, concerns, or support needs regarding your GIGALUMI Solar Pathway Lights, please contact GIGALUMI customer service. You can also visit the official GIGALUMI Store on Amazon for more information and product details: [GIGALUMI Store](#).