



F21-455 LED SOLAR  
DECK LIGHT



## JSOT F21-455 LED Solar Deck Light User Manual

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**JSOT F21-455 LED Solar Deck Light**



## INTRODUCTION

An eco-friendly way to light up your patio or deck is with the JSOT F21-455 LED Solar Deck Light, a high-end outdoor lighting option. This product, which costs \$47.99, offers a long-lasting lighting alternative that is completely powered by solar energy, making it both cost-effective and eco-friendly. Since its release on May 15, 2018, the JSOT F21-455 has gained popularity because to its strength and adaptability, making it ideal for both commercial and residential settings. This solar-powered light has a brightness of thirty lumens and is controlled by an easy-to-use smartphone. With a limited guarantee, this deck light is made to resist a variety of weather situations, giving consumers peace of mind. This energy-efficient deck light is made to add to the atmosphere, whether you're lighting your yard or throwing an evening party.

## SPECIFICATIONS

<b>Brand</b>	JSOT
<b>Price</b>	\$47.99
<b>Product Dimensions</b>	0.5 L x 0.5 W x 0.5 H inches
<b>Power Source</b>	Solar Powered
<b>Control Method</b>	App
<b>Warranty Type</b>	Limited
<b>Controller Type</b>	Push Button
<b>Brightness</b>	30 Lumen
<b>Manufacturer</b>	JSOT
<b>Model Number</b>	F21-455
<b>Item Weight</b>	2.4 pounds
<b>Item Model Number</b>	LTD
<b>Batteries</b>	1 AAA batteries required
<b>Battery Cell Type</b>	NiMH
<b>Average Battery Life</b>	3 years
<b>Warranty Description</b>	Seller 180 days free guarantee
<b>Date First Available</b>	May 15, 2018

## WHAT'S IN THE BOX

- LED Solar Deck Light
- User Manual

## FEATURES

- **180-Day Long Worry Guarantee:** Provides peace of mind with a 180-day guarantee. You can ask for a replacement or return for an acceptable resolution if you have any issues.
- **Waterproof Design:** Constructed with a stainless steel body and high ABS, the light is long-lasting and impervious to corrosion, yellowing, and weather-related damage.

## WITHSTAND ALL BAD WEATHER



Waterproof



Rustproof



Heatproof



- **High Efficiency:** Constructed from premium monocrystalline silicon, the solar panel has a conversion efficiency of up to 18%, guaranteeing dependable electricity and extended illumination.



- **Sturdy Construction:** Compared to plastic substitutes, the stainless steel body is more resilient to outside conditions and is made to last.
- **Automatic On/Off Function:** This feature eliminates the need for human operation by using an integrated light sensor to switch the lights on at dusk and off at dawn.
- **Energy-efficient:** Solar-powered, it provides enough lighting for your outdoor spaces without requiring expensive electricity bills.
- **Ideal for Outdoor Use:** With subtle yet efficient illumination, decks, fences, steps, gardens, and paths may all be made safer and easier to see.
- **Moderate Brightness:** The 30 lumens of light produced by the three LED beads is exactly right—not too bright nor too dim—to illuminate outdoor areas without upsetting nearby residents.
- **Elegant Modern Design:** The lights' sleek, cool white color makes them suitable for both everyday use and special events like festivals, parties, and holidays.
- **Compact Size:** Measuring 3.663.540.98 inches, these lights are the perfect size for a range of outdoor environments because they are neither too large nor too small.
- **Battery Life:** Long-term performance is ensured by the use of a single AAA NiMH rechargeable battery, which lasts for roughly three years.



**Auto Light Up  
6-8 Hours at Night**



- **Low Maintenance:** Because of its sturdy and weather-resistant design, it requires little maintenance and is simple to keep up all year round.
- **Easy Installation:** The installation process takes less than five minutes. It is ready for use after just punching two holes and mounting the light.
- **Wonderful for Decorating:** These lights are wonderful for birthdays, Christmas, Halloween, Thanksgiving, and other holidays since they give aesthetic appeal to your outdoor space.
- **Energy-Saving:** Because the solar-powered system uses sunshine to power the lights during the day, you can enjoy outdoor lighting without increasing your electricity bills.



## SETUP GUIDE

- **Choose the Installation Location:** For effective solar charging, use a level area that receives enough of sunlight; this is perfect for decks, stairs, railings, posts, and fences.
- **Ascertain Solar Panel Exposure:** For the best charging throughout the day, place the lights so that the solar panel receives direct sunlight.
- **Drill Holes for Mounting:** Make two holes in the appropriate spot for the light mounting screws using a drill. Make sure the holes are positioned correctly.
- **Insert the Screws:** Screws should be inserted into the drilled holes, allowing a tiny space so that the light fixture may hang firmly.
- **Mount the Light Fixture:** Make sure the light fixture is securely fastened to the screws and oriented with respect to the surface.
- **Ensure Unobstructed Light Sensor:** To enable the light sensor to automatically detect dark and turn on the lights at night, make sure it is not obstructed.
- **Light Positioning for Decoration:** To provide a pleasing lighting effect, make sure the lights are positioned properly and strategically if you plan to use them for decoration.
- **Fully Charge the Lights:** Before relying on the lights to switch on by themselves at night, let them charge in direct sunshine for four to six hours during the day.
- **Test Light Functionality:** To make sure the lights turn on automatically and function correctly, turn them on by



hand or wait until dusk.

- **Adjust for Optimal Lighting:** If necessary, reorient the lights so that they shine where you need them most, like along stairs or walkways.
- **Verify Battery Installation:** To prevent problems with operation, make sure the AAA NiMH battery is inserted into the light fixture firmly and accurately.
- **Test Brightness:** If required, test the light to ensure that it blends in well with other lighting or delivers enough brightness without upsetting nearby residents.
- **Light Alignment for Safety:** Position lights along walkways or stairways where they will offer sufficient illumination for safe travel.
- **Use for Events or Holidays:** You can alter the positioning to provide your outside area a festive feel for important events like parties or holidays.
- **Preserve Easy Access:** Make sure the lights are positioned such that the switch or on/off button is within easy reach for upkeep and modifications.



## CARE & MAINTENANCE

- **Regular Cleaning of the Solar Panel:** Debris, dust, and dirt can build up on the solar panel and lower its efficiency. To maintain its clarity and optimize its absorption of sunlight, wipe it off with a gentle cloth.
- **Check the Battery:** When the lights no longer remain on for the anticipated amount of time, or every three



years, replace the AAA NiMH battery.

- **Maintain the Lights Dry:** Despite their waterproof nature, it's crucial to inspect the seals and make sure no moisture has gotten inside the light housing.
- **Check for Corrosion:** Keep an eye out for any indications of rust or corrosion on the stainless steel housing. Use a rust remover and polish it if you see any.
- **Check the Automatic Sensor:** See if the lights turn on automatically at nightfall and off automatically at dawn to ensure the integrated light sensor is functioning correctly.
- **Replace Defective Parts:** To guarantee that the light keeps working correctly, replace any broken parts right away.
- **Check for Loose Mounting Screws:** Make sure the screws and mounts stay in place by periodically checking them, especially after severe rain or wind.
- **Modify the Solar Panel's Angle:** If the charging efficiency of the light appears to be low, change the solar panel's angle to capture more sunshine.
- **Store for Winter:** To avoid weather-related damage, think about keeping the lights indoors during the winter if you live in an area that has severe cold or snowfall.
- **Clean the Light Housing:** To keep the light housing clear of dirt and grime, wipe it off with a moist cloth on a regular basis.
- **Verify Water Intrusion:** Verify that there hasn't been any water intrusion inside the light fixture. Open it up to dry it out and inspect it for any possible damage if water is discovered.
- **Avoid Overtightening:** To prevent damaging the housing or panel, do not overtighten the screws when installing or adjusting the lights.
- **Examine the LED Beads:** Examine the LED beads to make sure they are all operating as intended. To ensure constant lighting, replace any LEDs that aren't working.
- **Preserve Light Appearance:** To preserve the lights' aesthetic worth for both functionality and decoration, check and clean them on a regular basis.
- **Monitor Lighting Duration:** To improve performance, replace the battery or look for blockages to the solar panel if the lights are not lasting as long as you would like.

## TROUBLESHOOTING

Issue	Possible Cause	Solution
Light is not turning on	Low battery or no sunlight	Ensure the light is exposed to enough sunlight for charging.
Light flickers	Battery is dying	Replace the AAA NiMH battery with a new one.
Light is dim	Solar panel is covered with dirt	Clean the solar panel with a soft cloth to remove debris.
App is not connecting	Wi-Fi or Bluetooth issues	Check your connection and ensure the app is updated.
Light is turning off too soon	Low battery or insufficient sunlight	Ensure the battery is fully charged and the solar panel is positioned well.
Remote control not working	Battery issues with the remote	Replace the remote's battery or check for pairing issues.
Light is constantly on	Malfunction in the switch	Reset the light by turning it off and back on.
Solar panel not charging	Obstructed by shading or dirt	Ensure solar panel receives direct sunlight and is clean.
Water entering the light	Defective sealing or installation	Check if the light is properly sealed and waterproof.
App crashes	Software issue or outdated app	Reinstall the app or check for updates in the app store.

## PROS & CONS

### PROS

1. Solar-powered, making it energy-efficient and eco-friendly.
2. Durable and waterproof, suitable for outdoor conditions.
3. Easy app control for convenient management.
4. Long-lasting with a 3-year battery life.
5. Provides sufficient brightness (30 lumens) for outdoor spaces.

### CONS

1. Limited by the weather for solar charging.
2. Requires Wi-Fi or mobile data for app control.
3. The light may not be bright enough for large areas.
4. Needs a stable position for optimal sunlight exposure.
5. Only one color temperature (warm white).

## WARRANTY

The JSOT F21-455 LED Solar Deck Light comes with a limited warranty, offering a 180-day free guarantee. If the light experiences any defects within this period, the seller provides a replacement or refund.

## FREQUENTLY ASKED QUESTIONS

What is the JSOT F21-455 LED Solar Deck Light?

The JSOT F21-455 LED Solar Deck Light is a solar-powered outdoor lighting solution designed to illuminate decks, patios, or other outdoor areas. It features energy-efficient LED lights with a brightness of 30 lumens.

How much does the JSOT F21-455 LED Solar Deck Light cost?

The JSOT F21-455 LED Solar Deck Light is priced at \$47.99, offering a durable and eco-friendly lighting solution for your outdoor spaces.

What are the dimensions of the JSOT F21-455 LED Solar Deck Light?

The JSOT F21-455 LED Solar Deck Light has compact dimensions of 0.5 inches in length, width, and height, making it easy to install and blend into your outdoor décor.

How bright is the JSOT F21-455 LED Solar Deck Light?

The JSOT F21-455 LED Solar Deck Light provides 30 lumens of brightness, offering a soft yet sufficient light for outdoor areas like decks and pathways.

What is the power source for the JSOT F21-455 LED Solar Deck Light?

The JSOT F21-455 LED Solar Deck Light is solar-powered, making it an energy-efficient choice that charges during the day and provides lighting at night without relying on electricity.

How is the JSOT F21-455 LED Solar Deck Light controlled?

The JSOT F21-455 LED Solar Deck Light is controlled via an app, providing convenient remote control of the light from your smartphone or device for added ease of use.



What type of battery does the JSOT F21-455 LED Solar Deck Light use?

The JSOT F21-455 LED Solar Deck Light uses a 1 AAA NiMH rechargeable battery, which typically lasts for about 3 years, ensuring long-term functionality.

What is the average battery life of the JSOT F21-455 LED Solar Deck Light?

The JSOT F21-455 LED Solar Deck Light has an average battery life of approximately 3 years, allowing you to enjoy long-lasting performance before needing to replace the battery.

VIDEO – PRODUCT OVERVIEW



[Referencesplus.com/wp-content/uploads/2025/01/JSOT-F21-455-LED-Solar-Deck-Light-User-Manual.mp4](https://www.referencesplus.com/wp-content/uploads/2025/01/JSOT-F21-455-LED-Solar-Deck-Light-User-Manual.mp4)

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