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YY01B LED SECURITY LIGHT

LEPOWER YY01B LED Security Light User Guide

Contents

LEPOWER®

LEPOWER YY01B LED Security Light

INTRODUCTION

The LEPOWER YY01B LED Security Light is a cutting-edge and dependable lighting option made to improve home or business security. Your outdoor areas will be safe and well-lit thanks to its robust 3000 lumen brightness, which offers wide-area illumination. This lamp's Dusk to Dawn Sensor provides convenience and energy savings by automatically turning the light on at night and off during the day. You may also change the lighting to suit your needs thanks to its switch-controlled modes. With a 5500K color temperature, it produces a genuine, bright daytime effect. The LEPOWER YY01B LED Security Light, which costs $49.99, is a great purchase for any facility that wants to improve visibility and safety. This product, which was introduced on December 1, 2020, by the reputable outdoor lighting company LEPOWER, offers enduring performance at a low energy consumption of only 28 watts.

SPECIFICATIONS

Brand	LEPOWER
Price	$49.99
Voltage	120 Volts
Brightness	3000 Lumen
Bulb Features	Dusk to Dawn Sensor, Switch-Controlled Modes
Color Temperature	5500 Kelvin
Bulb Shape Size	ED18
Bulb Base	GU24
Product Dimensions	5.3 L x 10 W x 5.5 H Inches
Wattage	28 watts
Weight	3.44 Pounds
Item Model Number	YY01B
Date First Available	December 1, 2020
Manufacturer	LEPOWER

WHAT'S IN THE BOX

- LED Security Light
- User Guide

PRODUCT OVERVIEW

Full Aluminum

Branded LED Beads

Filter Lens

FEATURES

- **3000 Lumens Brightness**: Using high-quality LED beads, this device produces an amazing 3000 lumens of brightness, providing brilliant illumination for visibility and security.
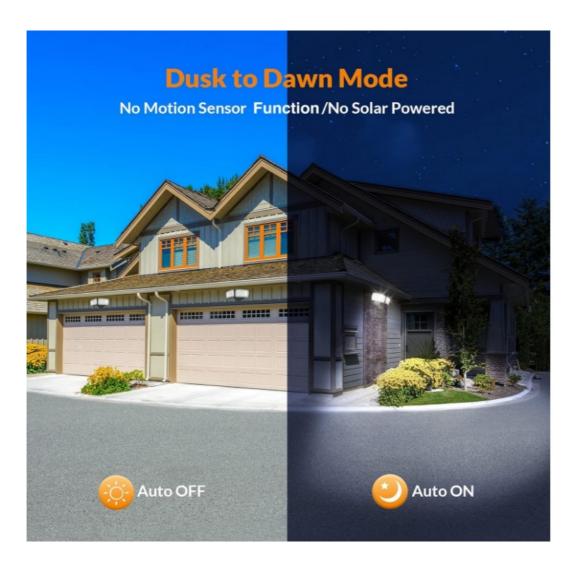
- **Energy-Efficient**: It is extremely energy-efficient, using only 28 watts of power to provide outstanding brightness.
- **5500K Color Temperature**: This colour temperature produces 5500K daylight white light, which is perfect for outdoor security since it provides natural and clean illumination.
- **Dark to Dawn Sensor**: This lamp has an integrated sensor that turns it on at dark and off at dawn without requiring human intervention.
- **Switch-Controlled Mode**: You can turn the light on to manual mode, which allows you to control it with an external switch, by covering the sensor with a silicone cap.

Switch Controlled Mode

Photocell sensor covered by silicone cap

Cover With Silicone Cap

Switch Controlled

OFF\ON by wall switch

- **270° Adjustable Heads**: This set includes two heads that can be adjusted to create a 270° broad illumination angle that eliminates shadows in larger areas.
- **Broad Use**: Perfect for lighting and protecting spaces including alleys, barns, businesses, patios, porches, garages, and backyards.
- **IP65 Waterproof Rating**: This floodlight is ideal for outdoor use in inclement weather because it is designed to endure snow, sleet, and rainstorms.
- **Sturdy Construction**: Featuring a multi-groove radiator and aluminium construction for superior heat dissipation and longevity.
- **Long Lifespan**: Made to last, this product has a service life of up to 50,000 hours, guaranteeing steady performance over time.
- **Simple Installation**: Instructions and all required equipment are included for a simple installation procedure.
- **Energy Saving**: Compared to conventional lighting sources, LED technology results in a significant reduction in electricity costs.
- **Compact Design**: Measuring only 5.3 x 10 x 5.5 inches, this lamp is powerful yet small, offering effective illumination without being heavy.
- **Wide Voltage Compatibility**: Because it runs at 120V, it may be used with the majority of common home electrical systems.
- **Lightweight**: Because it only weighs 3.44 pounds, it is lightweight and easy to handle and install.

SETUP GUIDE

- **Unpack the product**: Carefully take out the security light, and make sure that the mounting hardware, two adjustable heads, and instruction booklet are all present.
- **Turn Off Power**: To prevent electrical shocks, turn off the power before installation.
- **Pick the Mounting Location**: Pick a spot for the light that will provide wide coverage of the intended area, such as a patio, yard, or garage.
- **Install the Mounting Bracket**: Use the included anchors and screws to firmly fasten the mounting bracket to the wall or other surface.
- **Connect the Wiring**: Attach the light fixture's electrical wiring to the power source by following the instructions supplied. Make sure your electrical system can handle the 120V voltage.
- **Attach the Light Heads**: Make sure the two adjustable heads are taut and positioned correctly before fastening them to the mounting bracket.
- **Adjust the Heads**: After installation, use the 270° wide lighting angle to move the heads to cover the desired locations.
- **Dark to Dawn Sensor**: The light will automatically turn on at dark and off at dawn if you set the dark to dawn sensor. Put the silicone cap on the sensor to switch to manual control.

- **Test the Light**: Restart the power source and confirm that the light works properly in both switch-controlled and dark-to-dawn modes.
- **Secure the Light**: To avoid any movement or dislodging, make sure that the light is fixed correctly and that all of the components are firmly fastened.
- **Verify the Weatherproof Seal**: For optimal protection from the weather, make sure the IP65 waterproof seal is

intact.

- **Position the Light for Best Coverage**: Put the light where it will offer the best security and visibility, like close to entrances.
- **Switch to Manual Mode**: Put the silicone cap on the dusk-to-dawn sensor if you would rather operate the light with a switch.
- **Turn on the Power**: Make sure the light is functioning as it should by turning on the power again and testing it.
- **Modify Light Brightness**: If necessary, change the light's angle and brightness to suit your tastes.

CARE & MAINTENANCE

- **Frequent Cleaning**: Use a gentle, dry cloth to wipe away dust, grime, and debris from the light's surface.
- **Verify Obstructions**: Verify that there are no obstructions obstructing the light's beam or sensor, as this could affect how well it works.
- **Examine the Lens**: To preserve brightness and light quality, look for cracks or other damage on the filter lenses and replace them as necessary.
- **Assure Appropriate Ventilation**: To ensure adequate heat dissipation, make sure the cooling radiator grooves on the light fixture are unobstructed.
- **Verify Weatherproofing**: Make sure the IP65 waterproof barrier is intact and shielding the light from the weather by periodically checking it.
- **Check for Corrosion**: If the lamp is exposed to severe weather, look for indications of rust or corrosion on the metal parts.
- **Replace Damaged Parts**: To guarantee safe operation, replace any damaged parts of the fixture right away, such as the wiring, heads, or bracket.
- **Test the Sensor**: Make sure the dusk to dawn sensor is functioning properly and turning the light on and off at the right times by testing it on a regular basis.
- **Tighten Screws**: Make sure the mounting bracket and light fixture's screws are tight and haven't loosened over time.
- **Check for Flickering**: If the light flickers, make sure the wiring is tight and that there are no outside causes (such as a broken switch) at play.
- **Steer Clear of Strong Cleaners**: Steer clear of strong chemicals that could harm the light's surface and instead use gentle cleaning techniques.
- **Verify the light's functionality**: Verify the light's functionality by testing it in both manual switch-controlled and dusk to dawn modes.
- **Watch for Overheating**: Make sure the light fixture doesn't get too hot to the touch, which could be a sign of inadequate ventilation or overuse.
- **Examine Wiring Frequently**: To prevent electrical problems, check the wiring for wear or damage and repair it as needed.
- **Change the Light Bulbs**: Although the LEPOWER YY01B LED is made to last, if the LEDs cease functioning, replace the entire device to keep it operating at its best.

TROUBLESHOOTING

Issue	Solution
Light not turning on	Ensure the light is properly connected to the power supply.
Sensor not working properly	Clean the sensor area to remove any dirt or debris.
Light flickering	Check the wiring connections for loose contacts.
Dusk to Dawn Sensor not activating	Verify that the sensor is not blocked by objects or dirt.
Light stays on during the day	Adjust the position of the sensor to avoid sunlight interference.
Too bright for the area	Install a light cover to diffuse the brightness.
Bulb burning out quickly	Ensure proper voltage is being supplied and avoid overloading.
Light turns off too quickly	Reset the light and check if the sensor needs recalibration.
Unable to switch modes	Ensure that the switch-controlled modes are set correctly.
The light is not securely mounted	Tighten the mounting bracket and ensure it is fixed to a solid surface.

PROS & CONS

Pros

1. Energy-efficient 28-watt LED light with 3000 lumens of brightness.
2. Dusk to Dawn Sensor for automatic on/off functionality.
3. Durable construction designed for outdoor use.
4. Versatile switch-controlled modes for customized lighting.
5. 5500K colour temperature provides bright, clear illumination.

Cons

1. The light may be too bright for areas that require softer lighting.
2. Requires a suitable mounting location for optimal coverage.
3. Limited control options; it lacks advanced settings or dimming features.
4. The GU24 base may not be compatible with all fixtures.
5. May need occasional cleaning to maintain optimal sensor functionality.

WARRANTY

The LEPOWER YY01B LED Security Light comes with a **1-year limited warranty**. This warranty covers manufacturing defects and ensures that the product remains free from defects under normal usage conditions. If any issues arise within the warranty period, you can contact LEPOWER's customer service for replacement or repair services. Be sure to retain the proof of purchase for warranty claims.

FREQUENTLY ASKED QUESTIONS

How much does the LEPOWER YY01B LED security light cost?

The LEPOWER YY01B is priced at $49.99, offering an affordable and reliable lighting solution for security and safety.

What is the voltage of the LEPOWER YY01B LED security light?

The LEPOWER YY01B operates on 120 volts, making it suitable for standard residential electrical systems.

How bright is the LEPOWER YY01B LED security light?

The LEPOWER YY01B provides an impressive 3000 lumens of brightness, ensuring excellent visibility for security purposes.

What is the color temperature of the LEPOWER YY01B LED security light?

The LEPOWER YY01B emits a 5500 Kelvin color temperature, producing bright white light, ideal for outdoor security.

What type of bulb base does the LEPOWER YY01B LED security light use?

The LEPOWER YY01B uses a GU24 bulb base, making it compatible with various fixtures for easy installation.

What is the bulb shape size of the LEPOWER YY01B LED security light?

The LEPOWER YY01B features an ED18 bulb shape size, providing efficient light distribution for security lighting needs.
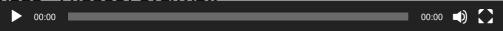
What is the wattage of the LEPOWER YY01B LED security light?

The LEPOWER YY01B consumes 28 watts of power, offering energy-efficient lighting without compromising on brightness.

What are the dimensions of the LEPOWER YY01B LED security light?

The LEPOWER YY01B measures 5.3 inches in length, 10 inches in width, and 5.5 inches in height, making it a compact and effective security light.

VIDEO – PRODUCT OVERVIEW

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References[manuals.plus/wp-content/uploads/2025/02/LEPOWER-YY01B-LED-Security-Light-User-Guide.mp4](#)

- [**User Manual**](#)