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Gefolly GE-150W

Gefolly 150W Parking Lot Light User Manual

Model: GE-150W

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1. PRODUCT OVERVIEW

The Gefolly 150W Parking Lot Light is an outdoor commercial area lighting solution designed for high brightness and energy efficiency. Featuring a built-in dusk-to-dawn photocell, it automatically illuminates at night and turns off during the day. This light is suitable for various outdoor applications including parking lots, streets, warehouses, and yards.

なぜ弊社の製品が高い？

- ・ 最高の素材
- ・ Gefollyメーカー専門生産
- ・ 優れた技術者がデザイン
- ・ 長寿命：10年以上持ち



材質



メーカー



デザイン



長寿命

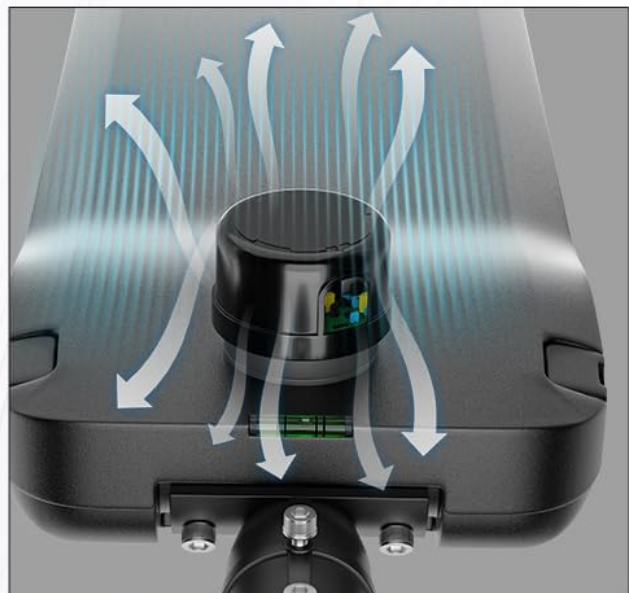


製品の詳細な説明



ガラスレンズ

透光性率が高い、衝撃に耐え



100% アルミニウム合金製

放熱が良い、防錆、固い

Image 1.1: Gefolly 150W Parking Lot Light, a robust outdoor lighting fixture.

Please read all instructions carefully before installation and operation. Failure to follow these instructions may result in electric shock, fire, or other hazards. Keep this manual for future reference.

- **Professional Installation Recommended:** Installation should be performed by a qualified electrician in accordance with all local and national electrical codes.
- **Power Disconnection:** Always disconnect power at the circuit breaker before installing, servicing, or cleaning the fixture.
- **Grounding:** Ensure the fixture is properly grounded to avoid potential electric shock.
- **Voltage Compatibility:** Verify that the supply voltage is compatible with the light fixture (100-220V AC).
- **Secure Mounting:** Mount the fixture securely to a stable surface capable of supporting its weight.
- **Avoid Direct Eye Exposure:** Do not look directly into the operating LED light source, as it can cause eye damage.

3. KEY FEATURES

- **Dusk to Dawn Photocell:** Integrated sensor automatically turns the light on at dusk and off at dawn, optimizing energy usage.
- **Ultra-Bright LED Beads:** Equipped with 180 ultra-bright 5050 type SMD LED beads, providing 41400 lumens of 6500K daylight white illumination. Each bead features a separate lens for enhanced light transmittance.
- **Durable Construction:** Heavy-duty aluminum lamp body casing ensures longevity and resistance to outdoor elements.
- **IP67 Waterproof Rating:** Designed to withstand harsh weather conditions, including heavy rain and dust.
- **Lightning Protection:** Built-in protection against lightning strikes for increased reliability.
- **Long Lifespan:** LEDs are rated for up to 65,000 hours of operation, reducing maintenance and replacement costs.



Image 3.1: Detail of the 180 ultra-bright 5050 SMD LED beads with individual lenses.



Image 3.2: Visual representation of the light's lightning protection and IP67 waterproof capabilities in various weather conditions.

4. PACKAGE CONTENTS

Verify that all components are present and undamaged upon opening the package.

- Gefolly 150W Parking Lot Light Fixture (1 unit)
- Wall Mounting Arm (1 unit)
- Installation Accessory Set (screws, bolts, etc.)
- Remote Control (1 unit)

5. PRODUCT SPECIFICATIONS

Attribute	Value
Brand	Gefolly
Model Name	Parking lot light
Part Number	GE-150W
Wattage	150 watts
Luminous Flux	41400 LM

Attribute	Value
Color Temperature	6500K (Daylight White)
Light Source Type	LED (5050 type, 180 beads)
Voltage	100-220 Volts (AC)
Control Method	Photocell (Dusk to Dawn), Remote Control
Indoor/Outdoor Usage	Outdoor
Material	Aluminum
Color	Black
Product Dimensions	6.82"L x 5.27"W x 1.09"H (Fixture head only, excluding arm)
Item Weight	6.58 Kilograms (14.48 pounds)
Waterproof Rating	IP67
Lifespan	Up to 65,000 hours



Image 5.1: Detailed dimensions of the light fixture and adjustable mounting angle.

6. INSTALLATION GUIDE

6.1 Pre-Installation Checks

- Ensure power is OFF at the circuit breaker.
- Confirm all package contents are present and undamaged.
- Prepare necessary tools: screwdriver, wrench, wire strippers, electrical tape, ladder (if mounting high).

6.2 Wiring Instructions

The light fixture uses international wiring color codes. Please identify the correct wires before connecting to your power supply.

- **Brown Wire:** Connect to Live (L) wire.
- **Blue Wire:** Connect to Neutral (N) wire.
- **Yellow/Green Wire:** Connect to Ground (GND) wire.

Note: In some regions, standard US wiring colors are Black (Live), White (Neutral), Green/Bare Copper (Ground). Consult a qualified electrician if you are unsure

about wiring connections.

6.3 Mounting Options

The Gefolly 150W Parking Lot Light supports four primary installation methods:

1. **Horizontal Mounting:** Attaching the light arm horizontally to a pole.
2. **Vertical Mounting:** Attaching the light arm vertically to a pole.
3. **Square Pole Mounting:** Adapting the mounting arm for square poles.
4. **Wall Mounting:** Using the provided wall mounting arm to secure the fixture to a wall.

Use the included installation accessory set to secure the mounting arm to your chosen surface. Ensure the mounting is stable and can support the weight of the fixture.



Image 6.1: Depiction of horizontal, vertical, square pole, and wall mounting options.

6.4 Photocell Installation

The photocell is essential for the automatic dusk-to-dawn function. Ensure it is correctly installed and unobstructed.

- Locate the photocell receptacle on the fixture.
- Align the pins of the photocell with the receptacle and insert firmly.
- Twist the photocell clockwise to lock it into place.
- The light will not function without the photocell installed.



Image 6.2: Detail of the dusk-to-dawn photocell unit.

7. OPERATING INSTRUCTIONS

7.1 Automatic Dusk to Dawn Function

Once properly installed and powered, the Gefolly 150W Parking Lot Light will operate automatically:

- The built-in photocell sensor detects ambient light levels.
- At dusk, when natural light diminishes, the light will automatically turn ON.
- At dawn, when natural light increases, the light will automatically turn OFF.



Image 7.1: Comparison of the light fixture during daytime (off) and nighttime (on) operation.

7.2 Remote Control (Optional)

A remote control is included for additional control options, such as manual override or adjusting settings if available. Refer to the remote control's specific instructions for its functions.

8. MAINTENANCE

Regular maintenance helps ensure optimal performance and extends the lifespan of your Gefolly 150W Parking Lot Light.

- **Cleaning:** Periodically clean the lens and exterior of the fixture with a soft, damp cloth to remove dirt, dust, and debris. Do not use abrasive cleaners or solvents.
- **Inspection:** Annually inspect the mounting hardware, wiring, and fixture for any signs of damage, corrosion, or loose connections. Tighten any loose screws or bolts.
- **Photocell Check:** Ensure the photocell is free from obstructions (e.g., leaves, dirt) that could interfere with its operation.
- **Power Disconnection:** Always disconnect power before performing any maintenance.

9. TROUBLESHOOTING

If you encounter issues with your Gefolly 150W Parking Lot Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn ON at night.	No power supply; Photocell obstructed or faulty; Incorrect wiring.	Check circuit breaker and power connections. Ensure photocell is clear and correctly installed. Verify wiring connections.
Light does not turn OFF during the day.	Photocell obstructed or receiving insufficient light; Photocell faulty.	Clear any obstructions from the photocell. Ensure it is exposed to sufficient daylight. Replace photocell if faulty.
Light is dim or flickers.	Insufficient power; Damaged wiring; Faulty LED components.	Check power supply voltage. Inspect wiring for damage. Contact customer support if LEDs are faulty.
Remote control not working.	Batteries dead; Remote out of range; Obstruction between remote and light.	Replace remote batteries. Ensure remote is within operating range and has a clear line of sight to the light.

If the problem persists after attempting these solutions, please contact Gefolly customer support.

10. WARRANTY AND SUPPORT

10.1 Warranty Policy

Gefolly provides a **3-year product maintenance policy** for this parking lot light. Additionally, a **120-day money-back guarantee** is offered from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

The warranty does not cover damage caused by improper installation, misuse, accidents, unauthorized repairs, or acts of nature.

10.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact Gefolly customer service:

- **Email:** support@gefolly.com (Example email, please refer to product packaging or official website for actual contact information)
- **Website:** [Visit the Gefolly Store on Amazon](#)

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Anonymous

Email

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question