LUCECO LSFLBZGL12AG150N-US

Luceco Slimline Outdoor LED Floodlight 20W User Manual

Model: LSFLBZGL12AG150N-US

1. INTRODUCTION

Thank you for choosing the Luceco Slimline Outdoor LED Floodlight. This manual provides essential information for the safe installation, operation, and maintenance of your new floodlight. Please read these instructions carefully before installation and retain them for future reference.

The Luceco Slimline Outdoor LED Floodlight is designed for outdoor use, offering efficient and reliable illumination. Its robust construction ensures durability in various weather conditions.

2. SAFETY INSTRUCTIONS

WARNING: To prevent electric shock, always disconnect power at the circuit breaker before installation or servicing. This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

- Ensure the supply voltage is correct (120V AC, 60Hz).
- Do not install near combustible materials.
- This fixture is UL listed for outdoor safety.
- Do not attempt to modify the fixture.
- Wear appropriate personal protective equipment (PPE) during installation.

3. PACKAGE CONTENTS

- 1 x Luceco Slimline Outdoor LED Floodlight
- Instruction Manual

Note: Mounting plate and motion sensor are not included and must be purchased separately if required.

4. INSTALLATION

4.1 Pre-Installation

- Turn off power at the circuit breaker before starting.
- Select a suitable mounting location that can support the weight of the fixture and provides the desired

illumination area.

- Ensure the mounting surface is stable and weather-resistant.

4.2 Mounting the Floodlight

The floodlight features a 1/2 inch NPT threaded mount and a 180-degree adjustable bracket for versatile installation. It is suitable for junction box or conduit mounting (mounting plate not included).

Figure 1: Key features of the Luceco Slimline Outdoor LED Floodlight, highlighting its robust construction and adjustable mounting.

1. Securely attach the floodlight's mounting arm to a compatible junction box or conduit using appropriate hardware (not supplied).
2. Ensure the fixture is firmly attached to prevent movement.
3. The 180-degree adjustable mount allows for precise aiming of the light. Loosen the knob on the side of the mount, adjust the floodlight to the desired angle, and then tighten the knob securely.

4.3 Wiring Instructions

This floodlight is designed for direct wiring. Consult a qualified electrician if you are unsure about wiring procedures.

- Connect the black wire from the floodlight to the live (hot) wire from the power supply.
- Connect the white wire from the floodlight to the neutral wire from the power supply.
- Connect the green or bare copper wire from the floodlight to the ground wire from the power supply.
- Ensure all connections are secure and insulated with approved wire connectors.

4.4 Sensor Compatibility

The Luceco Slimline Floodlight is compatible with most PIR motion sensors. If integrating with a motion sensor, follow the sensor's installation and wiring instructions in conjunction with these floodlight instructions.

Slimline Flood compatible with most PIR motion sensors and mounting plates

Sensor and mounting plate provided seperately.

Figure 2: The floodlight can be used with a separate motion sensor for enhanced functionality.

Figure 3: Example of the floodlight installed on an exterior wall.

5. OPERATING INSTRUCTIONS

Once installed and wired correctly, restore power at the circuit breaker. The floodlight will illuminate. If connected to a switch or sensor, operate according to the controls of that device.

- **Light Output:** The floodlight provides 1200 lumens of bright, 5000K neutral white light.
- **Adjusting Angle:** The fixture's head can be adjusted up to 180 degrees to direct light where needed. Loosen the adjustment knob, position the light, and re-tighten.

6. MAINTENANCE

The Luceco Slimline Outdoor LED Floodlight requires minimal maintenance.

- **Cleaning:** Periodically clean the tempered glass lens and housing with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure power is off before cleaning.
- **Inspection:** Regularly inspect the fixture for any signs of damage to the housing, lens, or wiring. If damage is found, disconnect power and have it repaired by a qualified professional.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power supply. Loose wiring connection. Faulty switch/sensor.	Check circuit breaker. Verify all wire connections are secure (with power off). Test switch/sensor functionality.
Light flickers.	Loose wiring. Inconsistent power supply.	Check all wire connections (with power off). Consult an electrician to check power supply stability.

Problem	Possible Cause	Solution
Light output is dim.	Dirt or debris on lens.	Clean the lens with a soft, damp cloth (with power off).

8. SPECIFICATIONS

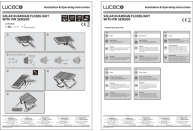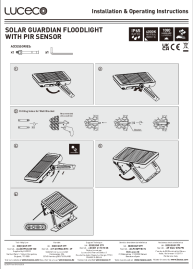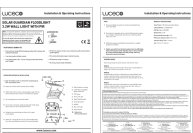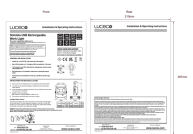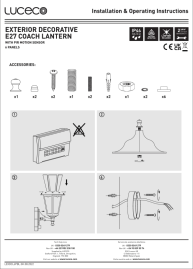| Feature	Specification
Model Number	LSFLBZGL12AG150N-US
Wattage	20 watts
Brightness	1200 Lumens
Color Temperature	5000 Kelvin (Neutral White)
Material	Die-cast Aluminum, Tempered Glass
Dimensions (Product)	5.2 x 3.5 x 5.3 inches
Item Weight	1.1 pounds
Indoor/Outdoor Usage	Outdoor
Power Source	Corded Electric
Mounting Type	Wall Mount (1/2 inch NPT threads)
Special Features	Tempered-Glass, 180-degree adjustable mount
Certifications	UL Listed

9. WARRANTY

This Luceco Slimline Outdoor LED Floodlight is covered by a 3-year no-hassle warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use. For warranty claims, please retain your proof of purchase.

10. CUSTOMER SUPPORT

For technical assistance, troubleshooting, or warranty inquiries, please contact Luceco customer service. Refer to the product packaging or Luceco's official website for current contact information.

Related Documents - LSFLBZGL12AG150N-US

Instructions d'installation et d'utilisation du Projecteur LED Portatif 50W Luceco (LW50BG2, LW50BG2J)
Guide complet pour l'installation et l'utilisation du projecteur LED portatif 50W Luceco. Inclut les références LW50BG2 et LW50BG2J, informations de montage, fonctionnement et garantie.

	[Luceco Solar Guardian Floodlight with PIR Sensor: Installation and Operating Guide](#) Detailed installation and operating instructions for the Luceco Solar Guardian Floodlight with PIR sensor, covering setup, features, and working modes. Includes contact information for Luceco.
	[LUCECO Solar Guardian Floodlight with PIR Sensor: Installation & Operating Guide](#) Comprehensive guide for installing and operating the LUCECO Solar Guardian Floodlight with PIR Sensor. Features include solar power, motion detection, IP65 rating, and multiple working modes.
	[Luceco Solar Guardian Floodlight 3.2W Wall Light with PIR: Installation & Operating Guide](#) Comprehensive guide for installing and operating the Luceco Solar Guardian Floodlight. Features include 3.2W LED, PIR motion sensor, IP44 rating, and multiple working modes. Learn about specifications, installation, and warranty.
	[LUCECO Slimline USB Rechargeable Work Light: Installation and Operating Instructions](#) Comprehensive guide for the LUCECO Slimline USB Rechargeable Work Light, covering installation, operation, safety, and warranty details. Features include LED technology, USB charging, and IP65 rating.
	[Luceco Exterior Decorative E27 Coach Lantern with PIR Motion Sensor - Installation & Operating Instructions](#) Comprehensive installation and operating instructions for the Luceco Exterior Decorative E27 Coach Lantern, featuring a PIR motion sensor. Includes accessory list, step-by-step guidance, and technical support information.