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› CINOTON 120W LED Flood Light Instruction Manual (Model FL016)

CINOTON FL016

CINOTON 120W LED Flood Light Instruction Manual (Model FL016)

1. INTRODUCTION AND OVERVIEW

The CINOTON 120W LED Flood Light is designed for robust outdoor illumination, providing high brightness and energy efficiency. This fixture is suitable for various outdoor environments, including courtyards, barns, garages, landscapes, and pathways. Its durable construction and versatile mounting options ensure reliable performance in diverse conditions.

120W LED Flood Light



16800LM

140LM/W

5000K

IP65

Image: CINOTON 120W LED Flood Light providing bright illumination for an outdoor area.

2. SAFETY INFORMATION

Please read and understand all instructions before installation and use. Failure to follow these instructions may result in electric shock, fire, or other hazards that could cause property damage or personal injury.

- **Disconnect Power:** Always disconnect the main power supply at the circuit breaker before installing, servicing, or cleaning the fixture.
- **Qualified Electrician:** Installation should be performed by a qualified electrician in accordance with all national and local electrical codes.
- **Grounding:** Ensure the fixture is properly grounded to avoid potential electrical shock.
- **Voltage:** This fixture is designed for 120V AC circuits only.
- **UL Listed:** This product is UL certified, meeting rigorous safety standards for dependable performance.
- **Operating Temperature:** Do not operate the fixture outside its specified temperature range.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before proceeding with installation.

- 2 x 120W LED Flood Lights with 1/2" NPT Knuckle Mount
- 1 x Instruction Manual
- Wiring Connectors (typically included for standard wiring)

4. PRODUCT FEATURES

- **Super Bright Illumination:** Built-in 144 bright LED chips provide 16800 lumens of 5000K daylight white light, illuminating up to 840 sq.ft.
- **Energy Efficient:** Operates at 120W with an efficiency of 140LM/W, significantly reducing electricity consumption.
- **Durable and Weatherproof:** IP65 waterproof rating ensures reliable operation in damp conditions, including rain, snow, and wind.
- **Robust Construction:** Crafted with a die-casting aluminum housing for excellent heat dissipation, extending the lifespan to over 50,000 hours.
- **Versatile Installation:** Equipped with a 180° adjustable 1/2" NPT Arm Knuckle, allowing for both wall-mounted and ground-mounted installations.
- **Wide Beam Angle:** A 120-degree beam angle provides even light coverage without dark spots.

IP65 Waterproof



Image: The flood light demonstrating its IP65 waterproof capability under simulated rain.



Image: The 180° adjustable knuckle allows for precise light direction.

5. SPECIFICATIONS

Brand	CINOTON
Model Number	FL016
Wattage	120 Watts
Brightness	16800 Lumens
Color Temperature	5000 Kelvin (Daylight White)
Voltage	120 Volts
Material	Die-casting Aluminum, Polycarbonate

Water Resistance Level	IP65 Waterproof
Mounting Type	Knuckle Mount (1/2" NPT)
Item Dimensions (L x W x H)	11.3"L x 5.85"W x 12"H
Item Weight	4 Pounds
Certifications	UL, FCC

Product Dimensions

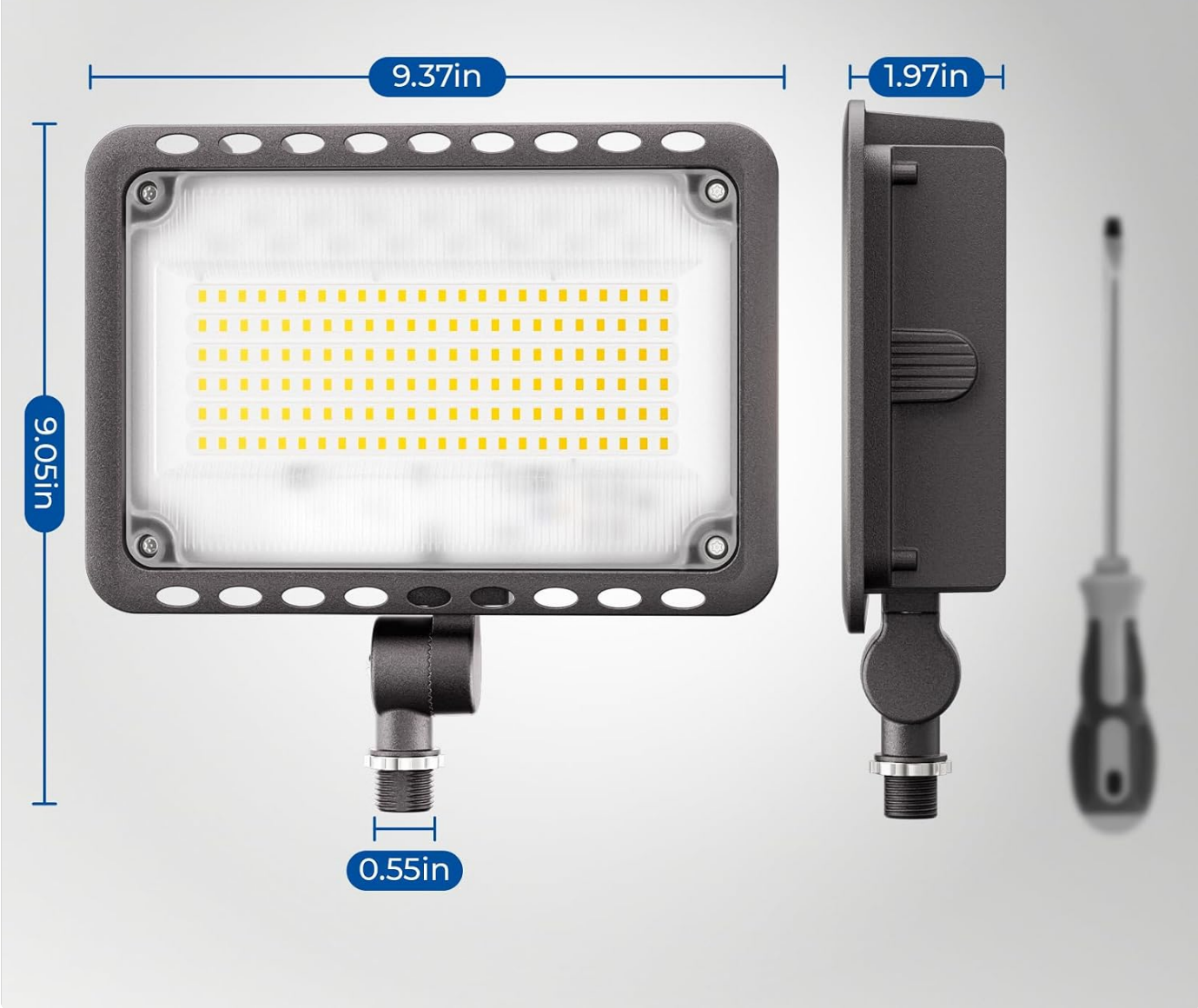


Image: Product dimensions for planning installation.

6. INSTALLATION (SETUP)

The CINOTON 120W LED Flood Light can be installed as a wall mount or ground mount using the 1/2" NPT knuckle. Always ensure power is disconnected before beginning installation.

6.1. Wall Mount Installation

1. **Disconnect Power:** Turn off power at the circuit breaker before starting.
2. **Prepare Wiring:** Feed the fixture's wires (black, white, green) through the 1/2" NPT wall mount J-Box (not included).
3. **Wire Connections:** Connect the fixture's black wire to the live wire, white wire to the neutral wire, and green wire to the ground wire from your electrical supply using appropriate wire connectors. Ensure all connections are secure.
4. **Mount Fixture:** Secure the fixture to the J-Box or mounting surface.
5. **Adjust Angle:** Loosen the swivel joint on the knuckle mount to adjust the light to the desired angle, then tighten securely.
6. **Restore Power:** Turn on power at the circuit breaker.

Video: This video demonstrates the wiring and two-way installation options (wall mount and ground mount) for the CINOTON 120W LED Flood Light.

6.2. Ground Mount Installation

For ground mounting, the fixture can be attached to a suitable ground stake (not included) that accepts a 1/2" NPT thread. Follow the wiring instructions as above, ensuring all electrical connections are protected in a weatherproof enclosure suitable for ground installation.

Easy Installation



Image: Detailed view of the 1/2" NPT arm mount for easy installation.

7. OPERATION

Once properly installed and wired, the CINOTON 120W LED Flood Light operates by a standard wall switch or any connected control method (e.g., timer, photocell, motion sensor, if integrated into your electrical system). There are no internal controls on the fixture itself.

8. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your flood light.

- **Cleaning:** Periodically clean the lens and housing with a soft, damp cloth to remove dirt, dust, and debris. Do not use abrasive cleaners or solvents.
- **Inspection:** Annually inspect the wiring, mounting hardware, and fixture for any signs of wear, corrosion, or damage. Tighten any loose screws or connections.
- **Power Disconnection:** Always disconnect power before performing any maintenance.

9. TROUBLESHOOTING

If you encounter issues with your flood light, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on	No power supply, loose wiring, faulty switch, tripped circuit breaker	Check power at the source, verify all wire connections are secure, test the switch, reset the circuit breaker.
Light is dim or flickers	Incorrect voltage, loose connection, dirty lens	Ensure correct 120V supply, check wiring, clean the lens.
Water inside fixture	Improper sealing during installation, damaged housing	Ensure all seals and gaskets are correctly seated. If housing is damaged, replace the fixture.

10. WARRANTY AND SUPPORT

CINOTON provides the following coverage for this product:

- **Refund Policy:** 45 days refund.
- **Quality Warranty:** 2 years quality warranty.
- **Customer Service:** 7*24 hours customer service.

For support or warranty claims, please contact CINOTON customer service through the official brand store or your point of purchase.

[Visit the CINOTON Store for Support](#)

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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.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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