

RAB Lighting LF34

RAB Lighting LF34 Adjustable Outdoor LED Floodlight User Manual

Model: LF34

1. INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of your RAB Lighting LF34 Adjustable Outdoor LED Floodlight. Please read these instructions thoroughly before installation and retain them for future reference.

The LF34 floodlight is designed for outdoor use, offering versatile lighting control with selectable color temperatures, precise glare control, and durable, weatherproof construction. It provides powerful and efficient illumination with a long-lasting performance.

2. SAFETY INFORMATION

WARNING: Risk of electric shock. Installation must be performed by a qualified electrician in accordance with all applicable national and local electrical codes.

- Disconnect power at the fuse or circuit breaker before installation or servicing.
- Ensure the supply voltage is correct (120V AC).
- Ground the fixture properly to avoid potential electrical shocks.
- Do not handle live wires.
- Ensure all connections are secure and properly insulated.
- Do not install near combustible materials.
- This fixture is rated IP65 for outdoor use, providing protection against dust and water jets.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- LF34 Adjustable Outdoor LED Floodlight Unit
- Mounting Hardware (screws, anchors, gaskets)

- On-Off Switch (integrated or separate, depending on model variant)
- Instruction Manual

4. SPECIFICATIONS

Feature	Specification
Brand	RAB Lighting
Model Name	LF34
Color	White (available in other colors)
Material	Aluminum
Style	Modern
Light Fixture Form	Wall
Room Type	Outdoor
Product Dimensions	8.63" L x 3.81" W x 5.81" H
Indoor/Outdoor Usage	Outdoor
Power Source	Corded Electric
Control Method	Touch (for CCT adjustment)
Light Source Type	LED
Number of Light Sources	1
Voltage	120 Volts
Light Color	Adjustable: Warm White to Cool White (2700K-5000K)
Wattage Options	8W (1000 lm) and 33W (4000 lm)
Lifespan	100,000 hours
Water Resistance Level	IP65 (Waterproof)
Mounting Type	Wall Mount
Item Weight	1.1 pounds

5. SETUP AND INSTALLATION

Important: Before starting installation, ensure power is OFF at the circuit breaker.

- 1. Choose Mounting Location:** Select a suitable outdoor wall location for the floodlight. Ensure the surface is stable and can support the fixture's weight.
- 2. Prepare Wiring:** Run 120V AC electrical wiring to the chosen mounting location. Ensure the wiring complies with local electrical codes.

3. **Mount the Fixture:** Secure the floodlight's mounting bracket to the wall using the provided screws and anchors. Ensure a watertight seal if required by local codes.

4. **Wire Connections:** Connect the floodlight's wires to your supply wires:

- Connect the black fixture wire to the black (live) supply wire.
- Connect the white fixture wire to the white (neutral) supply wire.
- Connect the green or bare copper fixture wire to the green or bare copper (ground) supply wire.

Use appropriate wire connectors and ensure all connections are secure.

5. **Secure Fixture:** Attach the floodlight body to the mounting bracket, ensuring it is firmly in place.

6. **Restore Power:** Once installation is complete and all connections are secure, restore power at the circuit breaker.



Image: The RAB Lighting LF34 Adjustable Outdoor LED Floodlight in white, ready for installation.

6. OPERATING INSTRUCTIONS

1. **Power On/Off:** Use the connected wall switch or integrated on-off switch to turn the floodlight on or off.

2. **Adjusting Color Temperature (CCT):** The LF34 features selectable color temperatures from 2700K (warm white) to 5000K (cool white). This adjustment is typically made via a touch control on the fixture or a switch located on the unit itself. Refer to the specific model variant for exact control method.
3. **Adjusting Light Direction:** The floodlight features a rotating hood and a locking knuckle.
 - **Rotating Hood:** Gently rotate the hood around the light source to direct light and minimize glare.
 - **Locking Knuckle:** Loosen the locking knuckle to adjust the angle of the floodlight, then tighten it securely to fix the position. This allows for precise aiming of the light beam.



Image: Visual representation of the LF34 floodlight's adjustable color temperatures (2700K to 5000K) in an outdoor environment.



Image: The rotating hood feature of the LF34 floodlight, designed for precise light direction and glare reduction.

7. MAINTENANCE

The RAB Lighting LF34 LED Floodlight is designed for minimal maintenance due to its durable construction and long lifespan.

- **Cleaning:** Periodically clean the exterior of the fixture with a soft, damp cloth to remove dirt and debris. Do not use abrasive cleaners or solvents. Ensure the fixture is off and cool before cleaning.
- **Inspection:** Regularly inspect the fixture for any signs of damage to the housing, lens, or wiring. If any damage is found, disconnect power and have it inspected by a qualified electrician.
- **Lifespan:** With an impressive 100,000-hour lifespan, the LED light source does not require replacement under normal operating conditions.



Image: The LF34 floodlight's IP65 rating ensures durability and resistance to various outdoor weather conditions.

8. TROUBLESHOOTING

If you encounter issues with your LF34 floodlight, refer to the following common problems and solutions:

- **Light Does Not Turn On:**

- Check the circuit breaker to ensure power is supplied to the fixture.
- Verify all wire connections are secure and correct.
- Ensure the on-off switch is in the 'ON' position.

- **Light Flickers:**

- Check for loose wire connections.
- Ensure the supply voltage is stable and within the specified range (120V).

- **Incorrect Color Temperature:**

- If applicable, ensure the CCT selection mechanism (e.g., touch control or switch) is set to your desired color.

- **Water Inside Fixture:**

- Immediately disconnect power. This indicates a compromised seal. Contact customer support for assistance.

If these steps do not resolve the issue, contact RAB Lighting customer support.

9. WARRANTY AND SUPPORT

RAB Lighting products are manufactured to high standards and are designed for long-term performance. While specific warranty details are not provided in this manual, please refer to the official RAB Lighting website or your purchase documentation for comprehensive warranty information.

For technical support, replacement parts, or warranty claims, please contact RAB Lighting customer service through their official website or the contact information provided at the point of purchase.