

RAB Lighting LF17

RAB Lighting LF17 Field-Adjustable Landscape Light User Manual

Model: LF17

1. INTRODUCTION

This manual provides essential instructions for the safe installation, operation, and maintenance of your RAB Lighting LF17 Field-Adjustable Landscape Light. Please read this manual thoroughly before installation and retain it for future reference. The LF17 is an energy-efficient LED fixture designed for 120V applications, offering adjustable wattage levels and color temperatures for various outdoor lighting needs.

2. SAFETY INFORMATION

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

- Disconnect power at the fuse or circuit breaker before installation or servicing.
- Ensure all connections are secure and properly insulated.
- Do not operate the fixture with damaged wiring or housing.
- This product is designed for outdoor use and is IP65 rated for protection against dust and water jets.
- Do not attempt to modify the fixture. Any modifications will void the warranty.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation.

- RAB Lighting LF17 Field-Adjustable Landscape Light
- On-Off Switch (integrated or separate, depending on model configuration)

Note: Additional mounting accessories such as stakes or covers (e.g., RAB Mighty Posts, CU4 covers) are sold separately.



Image 3.1: The RAB Lighting LF17 Field-Adjustable Landscape Light in white, showcasing its compact design and threaded base for mounting.

4. SPECIFICATIONS

Feature	Detail
Brand	RAB Lighting
Model Name	LF17
Material	Aluminum housing, Glass shade
Color	White (Adjustable shade color refers to CCT)
Input Voltage	120V (as per product description)

Wattage Levels	5 selectable levels
Color Temperatures	5 selectable temperatures (e.g., 2700K, 3000K, 3500K, 4000K, 5000K)
Dimming	0-10V dimming capability
IP Rating	IP65 (Dust tight and protected against water jets)
Item Weight	1.5 pounds
Package Dimensions	5 x 5 x 4 inches

5. SETUP AND INSTALLATION

The LF17 fixture is designed for quick and easy integration into existing landscape lighting systems. It is compatible with RAB Mighty Posts and CU4 covers (sold separately) for various mounting options.

5.1 Mounting

1. **Select Location:** Choose a suitable location for your landscape light, ensuring it provides the desired illumination for pathways, gardens, or architectural features.
2. **Prepare Wiring:** Ensure the 120V power supply is disconnected at the circuit breaker. Route the electrical wiring to the chosen mounting point.
3. **Attach Fixture:** Secure the LF17 fixture to a compatible mounting accessory (e.g., ground stake, junction box cover) according to the accessory's instructions. The threaded base of the LF17 allows for secure attachment.
4. **Wire Connections:** Connect the fixture's wires to the main power supply wires following local electrical codes. Typically, this involves connecting live to live, neutral to neutral, and ground to ground. Use appropriate wire connectors and ensure all connections are tight and insulated.
5. **Seal Connections:** For outdoor installations, ensure all wiring connections are properly sealed and protected from moisture.



Image 5.1: Examples of compatible mounting accessories, including a ground stake for landscape placement and a junction box cover for surface mounting.

6. OPERATING INSTRUCTIONS

The LF17 offers field-adjustable settings for both wattage and color temperature, allowing for customizable outdoor ambiance.

6.1 Adjusting Wattage and Color Temperature (CCT)

The fixture features internal switches or dials to select the desired wattage and color temperature. These are typically located on the fixture body, often under a protective cover.

1. **Access Controls:** Locate the adjustment switches/dials on the fixture. You may need a small screwdriver to open a cover or adjust the settings.
2. **Select Wattage:** Choose one of the five available wattage levels to control the brightness and energy consumption of the light. Higher wattage provides more light output.
3. **Select Color Temperature:** Choose one of the five available color temperatures (e.g., 2700K for warm white, 5000K for cool daylight) to match your aesthetic preference or application needs.
4. **Test Settings:** Restore power to the fixture and observe the light output. Adjust settings as needed until the desired ambiance is achieved.



Image 6.1: Visual representation of the five selectable color temperatures, ranging from warm (2700K) to cool (5000K).

6.2 Dimming Control

The LF17 features 0-10V dimming capability. To utilize this feature, connect the fixture to a compatible 0-10V dimmer switch (sold separately). Follow the dimmer switch manufacturer's instructions for wiring and operation. This allows for smooth brightness adjustment, enhancing ambiance and energy efficiency.

7. MAINTENANCE

The RAB Lighting LF17 is designed for durability and minimal maintenance. Regular inspection and cleaning will help ensure optimal performance and longevity.

- **Cleaning:** Periodically clean the exterior of the fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the finish or optical components.
- **Inspection:** Annually inspect the fixture for any signs of damage, loose connections, or wear. Check for debris accumulation around the lens or housing that might impede light output or heat dissipation.
- **Wiring:** Ensure all wiring connections remain secure and free from corrosion.



Image 7.1: The LF17 is built to withstand various weather conditions, including sun, rain, and snow, thanks to its IP65 rating.

8. TROUBLESHOOTING

If your LF17 fixture is not operating as expected, consult the following common issues and solutions:

Problem	Possible Cause	Solution
Light does not turn on	No power supply; Loose wiring; Faulty fixture	Check circuit breaker; Verify all wire connections; Contact support if issue persists
Light flickers or dims unexpectedly	Unstable power; Incompatible dimmer; Loose connection	Check power source stability; Ensure 0-10V dimmer compatibility; Inspect wiring
Incorrect wattage or color temperature	Settings not properly adjusted	Refer to Section 6.1 and re-adjust the internal switches/dials

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

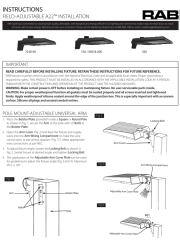

9. WARRANTY AND SUPPORT

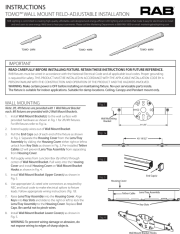

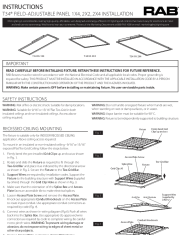
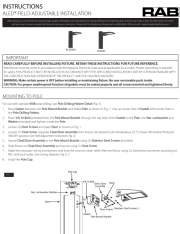
RAB Lighting products are manufactured to high standards and are backed by a manufacturer's warranty. For specific warranty details, please refer to the warranty information provided with your purchase or visit the official RAB Lighting website. For technical assistance, replacement parts, or further inquiries, please contact RAB Lighting customer support.

Contact Information: Please refer to the RAB Lighting official website for the most current contact details.

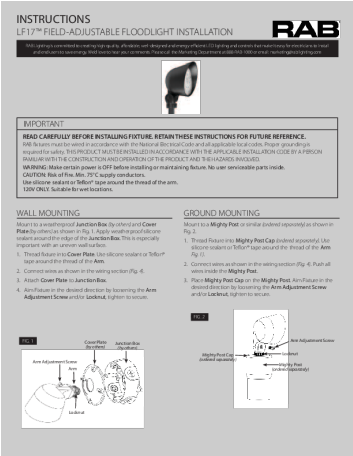
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Related Documents - LF17

	<p>RAB FIELD-ADJUSTABLE A22™ LED Lighting Fixture Installation Instructions</p> <p>Comprehensive installation guide for the RAB FIELD-ADJUSTABLE A22™ LED lighting fixture, covering pole mount, slipfitter mount, wall mount, field adjustments, wiring, and maintenance.</p>
	<p>RAB SLIM Field-Adjustable LED Lighting Installation Guide</p> <p>Comprehensive installation instructions for RAB Lighting's SLIM series field-adjustable LED fixtures, covering mounting, electrical connections, field adjustments for photocell, CCT, wattage, optic angle, and troubleshooting.</p>

	<p>RAB Lighting TOMO Wall Mount LED Fixture Installation Guide</p> <p>Detailed installation instructions for RAB Lighting's TOMO Series wall mount LED fixtures. Covers wall mounting, continuous runs, field adjustments (CCT/Wattage), 0-10V dimming, and battery backup models with wiring diagrams and troubleshooting.</p>
	<p>Field-Adjustable SR™ Installation Instructions RAB Lighting</p> <p>Comprehensive installation guide for RAB Lighting's Field-Adjustable SR™ LED strip lights, covering surface mounting, V-hook/chain mounting, continuous run configurations, field adjustments, and battery backup options.</p>
	<p>RAB T34 Field-Adjustable Panel Installation Guide</p> <p>Comprehensive installation guide for RAB T34 Field-Adjustable LED Panel lights (1x4, 2x2, 2x4). Covers recessed ceiling mounting, field adjustments, wiring, and battery backup models.</p>
	<p>ALED® Field-Adjustable LED Installation Instructions RAB Lighting</p> <p>Comprehensive installation guide for RAB Lighting's ALED® field-adjustable LED fixtures (ALEDXXS, ALEDXS). Includes mounting, wiring, field adjustment, and troubleshooting.</p>

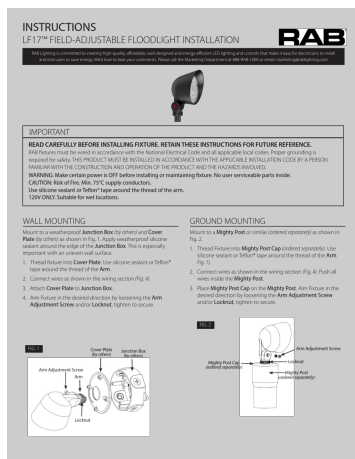
Documents - RAB Lighting – LF17



[\[pdf\]](#) Installation Guide Instructions

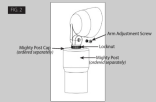
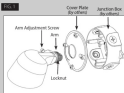
P 100959 LF17 Instructions 0924 indd instructions lf17™ field adjustable floodlight installation 30 sept 2024 — RAB Lighting is committed to creating high quality affordable well designed and energy efficient LED lighting controls that make it easy for 0 rablighting sites default files |||

INSTRUCTIONS LF17™ FIELD-ADJUSTABLE FLOODLIGHT INSTALLATION RAB Lighting is committed to creating high-quality, affordable, well-designed and energy-efficient LED lighting and controls that make it easy for electricians to install and end users to save energy. We d love to hear your comments. Pleas... lang:en score:42 filesize: 621.5 K page_count: 2 document date: 2024-09-16

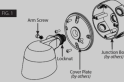


IMPORTANT

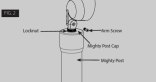
WALL MOUNTING




IMPORTANT

WALL MOUNTING *See* Heat

GROUND MOUNTING (Single Head)



[\[pdf\]](#) Installation Guide Instructions



IMPORTANT

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

Read fixture must be read in accordance with the technical data and all applicable local codes. Proper grounding is required for safety. This product must be installed in accordance with the NEC, CEC, and all applicable codes or standards. Read the entire instructions carefully before installation. Do not attempt to install the fixture if you are not qualified to do so.

WARNING: Make certain power is OFF before installing or maintaining fixture. No user serviceable parts inside.

CAUTION: For proper weatherproof function all gaskets must be seated properly and all screws tightened and tightened firmly. Apply weatherproof silicone sealant around the edge of the ceiling or wall-mounting base and/or junction box. This is especially important with all concrete surfaces. Remove all plugs and covered conduit entries.

Suitable for Wet Locations.

LF17 Single Head is suitable for mounting within 1.2m (4ft) of the ground.

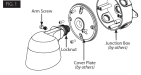
Min. 75° Supply Conductors

120V AC ONLY

WALL MOUNTING (single head)

Mount on a weatherproof Junction Box, Armature and Cover Plate. Fix others as shown in Fig. 1. Apply weatherproof silicone sealant around the edge of the Junction Box. This is especially important with all concrete surfaces.

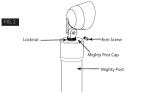
1. Thread Fixture into Cover Plate. Use silicone sealant or Teflon® tape around the thread of the arm.
2. Connect wires as shown in the wiring section (Fig. 6). Use appropriate UL approved wire connections as required by code to complete wiring. Be careful not to pinch wires.
- WARNING: To prevent wiring damage or abrasion, do not expose wiring to edges of steel metal or other sharp objects.**
3. Place Mighty Post Cap on the Mighty Post.
4. Aim fixture in the desired direction and tighten Locknut and Arm Screw.



GROUND MOUNTING (single head)

Mount on a Mighty Post (concrete mounting) and Locknut as shown below (Fig. 2).

1. Thread Fixture into Mighty Post Cap. Use silicone sealant or Teflon® tape around the thread of the arm.
2. Connect wires as shown in the wiring section (Fig. 6). Use appropriate UL approved wire connections as required by code to complete wiring. Be careful not to pinch wires.
- WARNING: To prevent wiring damage or abrasion, do not expose wiring to edges of steel metal or other sharp objects.**
3. Place Mighty Post Cap on the Mighty Post.
4. Aim fixture in the desired direction and tighten Locknut and Arm Screw.



[pdf] Installation Guide Instructions

Installation InstructionsRAB LF17X2 16W Landscape Floodlight Selectable Wattage CCT COMMUNITY

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INSTRUCTIONS **LF17** FIELD-ADJUSTABLE INSTALLATION RAB Lighting is

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