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## RAB Lighting SLIM17FA30ADJ

# RAB Lighting Slim Adjustable 30W Wallpack User Manual

Model: SLIM17FA30ADJ

## 1. INTRODUCTION

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This user manual provides detailed instructions for the installation, operation, and maintenance of the RAB Lighting Slim Adjustable 30W Wallpack (Model SLIM17FA30ADJ). This high-efficiency LED fixture is designed for outdoor use, offering adjustable light distribution and color temperature options to suit various lighting needs. Please read this manual thoroughly before installation and use to ensure proper function and safety.



Figure 1: RAB Lighting Slim Adjustable 30W Wallpack, showcasing its sleek design and light output area.

## 2. SAFETY INFORMATION

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Always follow basic safety precautions when installing or working with electrical equipment. Failure to do so may result in serious injury or property damage.

- **Disconnect Power:** Ensure power is turned off at the circuit breaker or fuse box before installation, maintenance, or any service.
- **Qualified Electrician:** Installation should be performed by a qualified electrician in accordance with all national and

local electrical codes.

- **Grounding:** Properly ground the fixture to avoid electrical shock.
- **Voltage Compatibility:** Verify that the supply voltage is compatible with the fixture's operating voltage (120-277V).
- **Fixture Integrity:** Do not operate the fixture if it is damaged. Inspect for shipping damage before installation.
- **Outdoor Use Only:** This product is designed for outdoor use only.

### 3. SETUP AND INSTALLATION

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The SLIM17FA30ADJ wallpack offers field-adjustable features for optimal performance.

#### 3.1 Mounting

The fixture is designed for wall mounting. Ensure the mounting surface is structurally sound to support the fixture's weight (approximately 2.99 lbs).

1. Turn off power at the circuit breaker.
2. Securely attach the mounting plate to the desired outdoor wall location using appropriate hardware (not included).
3. Connect the electrical wiring (line, neutral, ground) from the supply to the fixture's corresponding wires. Ensure all connections are secure and insulated.
4. Mount the fixture body onto the mounting plate, ensuring a tight seal to maintain its IP65 rating for protection against dust and water jets.

#### 3.2 Field-Adjustable Color Temperature (CCT)

The SLIM17FA30ADJ features an internal switch to select the desired color temperature (CCT) before sealing the fixture. Options include 3000K (Warm White), 4000K (Neutral White), and 5000K (Cool White).

- Before final installation, locate the CCT switch inside the fixture.
- Select the desired color temperature by sliding the switch to the corresponding setting.
- Ensure the switch is firmly in place before closing and sealing the fixture.

#### 3.3 Adjustable Cut-off Angle

The fixture allows for adjustment of the light cut-off angle from full cutoff up to 90° in 15° increments. This feature helps direct light precisely where needed and can ensure Dark Sky compliance when set to 0° (full cutoff).

- Refer to the markings on the fixture for angle adjustments.
- Carefully adjust the internal reflector or light engine mechanism to achieve the desired cut-off angle.
- Test the light distribution after adjustment to confirm the setting.

### 4. OPERATING INSTRUCTIONS

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The RAB Lighting Slim Adjustable Wallpack is designed for efficient and automatic operation.

#### 4.1 Automatic Operation (Photocell)

The integrated photocell automatically controls the fixture's on/off cycles based on ambient light levels. The light will turn on at dusk and turn off at dawn, providing energy savings.

- Ensure the photocell sensor is not obstructed by debris, dirt, or external light sources, as this may affect its operation.
- No manual intervention is typically required for daily operation once installed.

## 4.2 Dimming Functionality

This fixture supports 0-10V dimming. Connect to a compatible 0-10V dimmer switch (sold separately) for adjustable light output.

- Consult the dimmer switch manufacturer's instructions for wiring and operation.
- Ensure proper wiring of the dimming control wires (purple and gray) to the 0-10V dimmer.

## 5. MAINTENANCE

The RAB Lighting Slim Adjustable Wallpack requires minimal maintenance due to its durable construction and LED technology.

- **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.
- **Inspection:** Annually inspect the fixture for any signs of physical damage, loose wiring, or corrosion. Address any issues promptly.
- **Photocell:** Keep the photocell sensor clean and free from obstructions to ensure proper automatic operation.
- **No User-Serviceable Parts:** There are no user-serviceable parts inside the fixture. Do not attempt to open or repair the LED module.

## 6. TROUBLESHOOTING

If you experience issues with your RAB Lighting Slim Adjustable Wallpack, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Fixture does not turn on.	No power supply; faulty wiring; photocell obstructed or faulty.	Check circuit breaker/fuse. Verify wiring connections. Clear any obstructions from the photocell. Test photocell function (cover it to simulate darkness).
Fixture stays on during the day.	Photocell receiving insufficient light; photocell faulty.	Ensure photocell is not obstructed or in a shaded area. Clean photocell sensor.
Light output is inconsistent or flickering.	Loose wiring connection; incompatible dimmer (if applicable); internal component issue.	Check all wiring connections. Ensure dimmer is 0-10V compatible. If problem persists, contact customer support.
Incorrect color temperature.	CCT switch set incorrectly.	Turn off power, open fixture, and verify/adjust the CCT switch setting.

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

## 7. SPECIFICATIONS

Attribute	Value
Brand	RAB Lighting

Attribute	Value
Model Number	SLIM17FA30ADJ
Wattage	30 Watts
Voltage	120-277 Volts
Light Source Type	LED
Color Temperature (CCT)	Field Selectable: 3000K, 4000K, 5000K
Lumen Output	3540/3813/3768 Lumens (depending on CCT)
Efficacy	Up to 130 lumens per watt
Dimming	0-10V Dimming Standard
Ingress Protection (IP) Rating	IP65 (Dust tight, protected against water jets)
Material	Precision Die Cast Aluminum
Color	Bronze
Item Weight	2.99 Pounds
Product Dimensions	9.25 x 9.06 x 6.5 inches
UPC	192552004435

## 8. WARRANTY AND SUPPORT

RAB Lighting stands behind the quality of its products.

### 8.1 Warranty Information

For detailed warranty information, please refer to the official RAB Lighting website or the warranty card included with your product. General warranty terms typically cover defects in materials and workmanship under normal use.

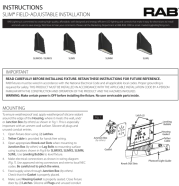
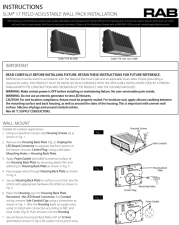

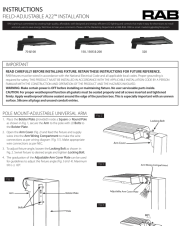
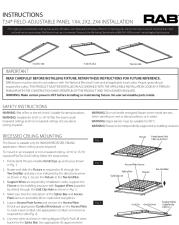

### 8.2 Customer Support

If you have any questions, require technical assistance, or need to report an issue, please contact RAB Lighting customer support:

- **Website:** [www.rablighting.com](http://www.rablighting.com)
- **Phone:** Refer to the website for regional contact numbers.
- When contacting support, please have your product model number (SLIM17FA30ADJ) and purchase date available.



Related Documents - SLIM17FA30ADJ

	<p><a href="#">RAB SLIM Field-Adjustable LED Lighting Installation Guide</a></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><a href="#">RAB SLIM 17 Field-Adjustable Wall Pack Installation Instructions</a></p> <p>Installation guide for the RAB SLIM 17 Field-Adjustable Wall Pack, covering wall mounting, field adjustments, wiring, maintenance, troubleshooting, and Lightcloud Blue system integration.</p>
	<p><a href="#">RAB Lighting A17 FA Area Light Adjustable Universal Pole Mount Kit Installation Instructions</a></p> <p>Step-by-step installation guide for the RAB Lighting A17 FA Area Light Adjustable Universal Pole Mount Kit. Includes important safety information, assembly procedures, and contact details for support.</p>
	<p><a href="#">RAB FIELD-ADJUSTABLE A22™ LED Lighting Fixture Installation Instructions</a></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><a href="#">RAB T34 Field-Adjustable Panel Installation Guide</a></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><a href="#">RAB BOA Field-Adjustable Linear Lighting Spec Sheet</a></p> <p>Detailed specifications and performance data for the RAB BOA Field-Adjustable Linear Lighting system, including wattage, lumens, efficacy, CRI, and various configuration options.</p>

