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## WAC Lighting TK-180503-30-BN

# WAC Lighting Solo 3-Light LED Fixed Rail Instruction Manual

Model: TK-180503-30-BN

## INTRODUCTION

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This manual provides detailed instructions for the safe installation, operation, and maintenance of your WAC Lighting Solo 3-Light LED Fixed Rail. Please read all instructions carefully before proceeding with installation or use. Retain this manual for future reference.

The WAC Lighting Solo fixed rail is designed for residential and low-ceiling commercial applications, offering versatile lighting solutions for various spaces, including ceilings and bath vanities. This fixture features multiple LED arrays for uniform illumination and is Energy Star certified for efficiency.



The WAC Lighting Solo 3-Light LED Fixed Rail installed in a modern kitchen setting, providing task lighting over a countertop and sink area. This demonstrates a typical application.

## SETUP AND INSTALLATION

**Important Safety Information:** Installation of this lighting fixture requires knowledge of luminaires electrical systems. If you are not qualified, do not attempt installation. Contact a qualified electrician. Always turn off power at the circuit breaker before beginning installation.

### Package Contents:

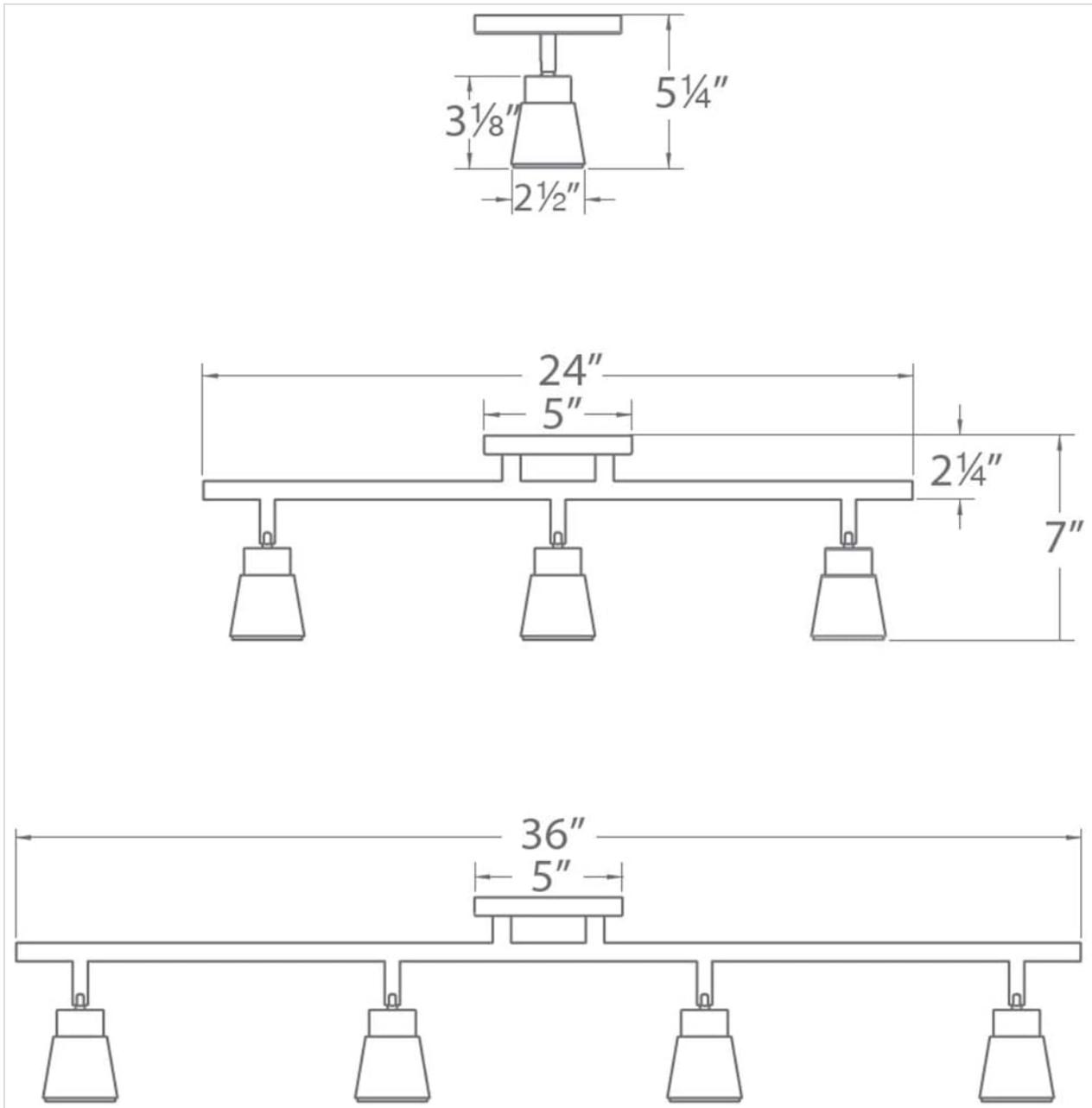
- WAC Lighting Solo 3-Light LED Fixed Rail Fixture
- Mounting Hardware
- Installation Instructions

### Installation Steps:

1. **Prepare for Installation:** Turn off power at the main circuit breaker. Ensure the mounting surface is clean, dry, and structurally sound.
2. **Mounting Bracket Installation:** Secure the mounting bracket to the junction box using the provided

hardware. Ensure the bracket is firmly attached.

3. **Electrical Connections:** Connect the fixture's electrical wires to the corresponding household wires (black to black, white to white, ground to ground) using wire nuts. Ensure all connections are secure.
4. **Fixture Mounting:** Carefully align the fixture with the mounting bracket and secure it in place using the provided screws. Ensure the driver is concealed within the canopy for proper installation.
5. **Adjust Light Heads:** The individual light heads are adjustable. Position them to direct light as desired.
6. **Restore Power:** Once installation is complete and all connections are secure, restore power at the circuit breaker.



Technical diagram illustrating the dimensions of the WAC Lighting Solo fixed rail, including length, width, and height measurements for both 3-light and 4-light configurations. This is crucial for installation planning.

## OPERATING INSTRUCTIONS

The WAC Lighting Solo 3-Light LED Fixed Rail is designed for straightforward operation.

### Power On/Off:

Operate the fixture using a standard wall switch connected to the circuit. Ensure the switch is in the 'ON' position.

position for the lights to function.

### Dimming Functionality:

This fixture supports smooth and continuous dimming when used with an electronic low voltage (ELV) or TRIAC dimmer. Consult a qualified electrician to ensure compatibility with your existing dimmer switch or for recommendations on suitable dimmers.

### Adjusting Light Direction:

Each individual light head on the fixed rail can be manually adjusted to direct light precisely where needed. Gently pivot or rotate the light heads to achieve the desired illumination angle.



Front view of the WAC Lighting Solo 3-Light LED Fixed Rail in brushed nickel, with lights illuminated. This image shows the overall design and light output.

## MAINTENANCE

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Proper maintenance ensures the longevity and optimal performance of your WAC Lighting Solo fixture.

### Cleaning:

- Always turn off power to the fixture before cleaning.
- Wipe the fixture with a soft, dry, or slightly damp cloth.
- Do not use abrasive cleaners, solvents, or polishes as these can damage the finish or electrical components.

### LED Module:

The LED module in this fixture is high-powered and designed for long-term use (rated for 50,000 hours). It is **non-user-replaceable**. If the LED module fails, contact customer support for assistance.

## TROUBLESHOOTING

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If you encounter issues with your WAC Lighting Solo fixture, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Fixture does not light up	No power to the fixture Loose electrical connection Faulty switch or circuit breaker	Check circuit breaker and wall switch. Ensure all electrical connections are secure (turn off power first). Test the switch or circuit breaker.
Lights flicker or dim improperly	Incompatible dimmer switch Loose wiring	Ensure an ELV or TRIAC dimmer is used. Replace if incompatible. Check all electrical connections for tightness (turn off power first).
Reduced light output	Dust or debris on LED lenses Aging LED module	Clean LED lenses with a soft, dry cloth. LED modules are non-user-replaceable; contact customer support if light output significantly degrades prematurely.

If the problem persists after attempting these solutions, contact a qualified electrician or WAC Lighting customer support.

## PRODUCT SPECIFICATIONS

Feature	Detail
Brand	WAC Lighting
Model Name	Solo
Model Number	TK-180503-30-BN
Color	Brushed Nickel
Material	Aluminum
Product Dimensions	24 x 5 x 6.89 inches
Item Weight	2.96 pounds
Light Source Type	LED
Number of Light Sources	3
Wattage	24 watts
Voltage	120 Volts
Brightness	2400 Lumens
Color Temperature	3000K (Warm White)
Color Rendering Index (CRI)	90
Rated Hours	50,000 hours

Feature	Detail
Dimmable	Yes (with ELV or TRIAC dimmer)
Installation Type	Semi Flush Mount / Monopoint with Canopy
Indoor/Outdoor Usage	Indoor, Outdoor (Damp Locations)
Energy Efficiency	Energy Star Certified
UPC	790576686240



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The Energy Star Most Efficient 2020 logo, indicating the product's high energy efficiency and compliance with environmental standards.

## WARRANTY INFORMATION

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WAC Lighting provides the following warranty for this product:

- **Functional Warranty:** 5 years
- **Finish Warranty:** 2 years

This warranty covers defects in materials and workmanship under normal use. For specific terms, conditions, and to make a warranty claim, please refer to the official WAC Lighting warranty policy or contact customer support.

## CUSTOMER SUPPORT

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For further assistance, technical support, or inquiries regarding your WAC Lighting Solo 3-Light LED Fixed Rail, please contact WAC Lighting customer service. Contact information can typically be found on the manufacturer's official website or on the product packaging.

When contacting support, please have your product model number (TK-180503-30-BN) and purchase date available.