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Lightolier RS600I

Lightolier RS600I 600W Incandescent Preset Slide Dimmer Instruction Manual

Model: RS600I

INTRODUCTION

This manual provides comprehensive instructions for the safe installation, operation, and maintenance of your Lightolier RS600I 600W Incandescent Preset Slide Dimmer. Please read all instructions carefully before installation and use to ensure proper function and safety.

IMPORTANT SAFETY INFORMATION

WARNING: To avoid fire, shock, or death; turn off power at the circuit breaker or fuse box and test that power is off before wiring.

- For use with incandescent lamps only. Do not use with LED, CFL, or other lamp types unless specifically rated.
- Install in accordance with all national and local electrical codes.
- Use only copper wire.
- Do not exceed the maximum wattage rating of 600W.
- If you are unsure about any part of these instructions, consult a qualified electrician.

PRODUCT OVERVIEW

The Lightolier RS600I is a Decorator Styled Electronic Solid State Dimmer designed for incandescent lighting. It features a preset slide control for convenient light level adjustment and can be used in single-pole or 3-way applications.



Image of the Lightolier RS600I dimmer packaging. The label indicates 'ROCKSLIDE PRESET RS600I IVORY DECORATOR STYLED INCANDESCENT PRESET SLIDE DIMMER 600W 120VAC 60Hz SINGLE OR MULTI-LOCATION CONTROL'. It also highlights features like 'ENHANCES ENVIRONMENT', 'SAVES ENERGY', 'INCREASES LAMP LIFE', and 'SUPPRESSES RADIO INTERFERENCE'. A note states '**INCANDESCENT LAMPS ONLY'.*

SETUP AND INSTALLATION

Tools Required

- Screwdriver
- Wire Strippers
- Electrical Tape

Wiring Instructions (Single-Pole Application)

1. **Turn off power** at the circuit breaker or fuse box before beginning.
2. Remove the existing wall switch from the wall box.
3. Identify the **LINE (hot) wire** and the **LOAD wire**. The ground wire should also be present.
4. Connect the dimmer's black wire to the LINE (hot) wire.
5. Connect the dimmer's red wire to the LOAD wire.
6. Connect the dimmer's green or bare copper wire to the house ground wire.
7. Secure all wire connections with wire nuts.
8. Carefully push the wires back into the wall box and mount the dimmer.
9. Install the wall plate.
10. **Restore power** at the circuit breaker.

Wiring Instructions (3-Way Application)

For 3-way applications, one dimmer and one 3-way switch are typically used. Consult the wiring diagram provided with the product packaging or a qualified electrician for specific 3-way wiring configurations.

OPERATING INSTRUCTIONS

The Lightolier RS600I dimmer features a slide control and a preset ON/OFF switch.

- **ON/OFF Switch:** Press the bottom of the small toggle switch to turn the lights ON to the preset level. Press the top of the toggle switch to turn the lights OFF.
- **Dimming Control:** Move the slide control up to increase light intensity and down to decrease light intensity. The dimmer will return to the last set light level when turned ON.

MAINTENANCE

To clean the dimmer, wipe with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure power is off before cleaning. No user-serviceable parts inside.

TROUBLESHOOTING

Problem	Solution
Lights do not turn ON.	Check if the circuit breaker is ON. Verify wiring connections. Ensure bulbs are functional.
Lights flicker or hum.	Ensure only incandescent bulbs are used. Verify total wattage does not exceed 600W. Check for loose connections.
Dimmer is hot to the touch.	This is normal for dimmers under load, but if excessively hot, reduce load or check for short circuits. Ensure proper ventilation.

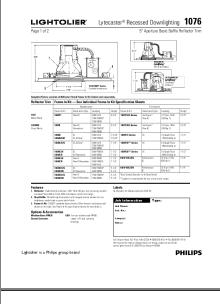
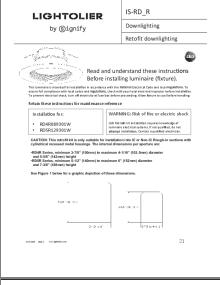
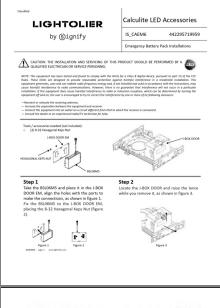
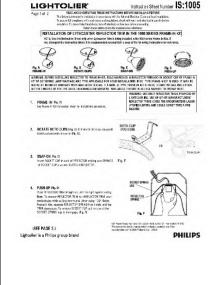
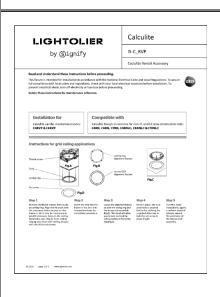
SPECIFICATIONS

- **Model:** RS600I
- **Type:** Electronic Solid State Dimmer
- **Wattage:** 600W (Incandescent only)
- **Voltage:** 120VAC, 60Hz
- **Operation Mode:** Slide Dimmer with Preset ON/OFF
- **Circuit Type:** Single-Pole or 3-Way
- **Finish:** Ivory
- **Dimensions:** Approximately 3 x 2 x 2 inches (based on package dimensions)
- **International Protection Rating:** IP54
- **Connectivity Protocol:** Wi-Fi

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or contact Lightolier customer service directly. Contact details are typically available on the manufacturer's website.

Related Documents - RS6001

	<p><u>Lightolier Lytecaster 1076 Recessed Downlighting: Reflector Trim and Frame-In Kits</u></p> <p>Explore the Lightolier Lytecaster 1076 series of recessed downlighting, featuring 5-inch aperture basic baffle reflector trims and various frame-in kits. This document details incandescent and fluorescent lamp compatibility, installation types (IC, Non-IC, Remodeler), dimensions, features, and accessories like socket extenders. Includes technical specifications and illumination calculation guidance.</p>
	<p><u>Lightolier IS-RD_R LED Retrofit Downlight Installation Instructions</u></p> <p>Detailed installation and removal instructions for the Lightolier IS-RD_R LED Retrofit Downlight, including safety warnings, compliance information, and dimensional requirements for recessed housings.</p>
	<p><u>Calculite LED Accessories: Emergency Battery Pack Installation Guide (IS_CAE6)</u></p> <p>Step-by-step installation instructions for Lightolier's Calculite LED Accessories emergency battery pack (model IS_CAE6), including wiring and test switch mounting.</p>
	<p><u>Lightolier IS:1005 Installation Instructions for Lytecaster Reflector Trim</u></p> <p>Detailed installation guide for Lightolier Lytecaster Reflector Trim in 1000 Series Frame-In Kits, covering various models and steps. Includes safety warnings, product specifications, and assembly procedures.</p>
	<p><u>Lightolier Calculite LED 3" C3RWW Round Wall Wash Downlight Specification Sheet</u></p> <p>Detailed specification sheet for the Lightolier Calculite LED 3" C3RWW round wall wash downlight, covering features, ordering information, technical specifications, dimming options, controls, and photometric data.</p>
	<p><u>Calculite IS-C_RVP Vandal Resistant Accessory Installation Guide</u></p> <p>Detailed installation instructions for the Lightolier Calculite IS-C_RVP vandal resistant accessory. Learn how to install this accessory for grid ceiling applications with compatible Calculite downlight frame-in sections.</p>